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				Local communities	32.2.6p
16	BHP Shareholders for Social Responsibility	Legislative framework	Roxby Downs Indenture		6.4a
		Greenhouse gas	Assessment and mitigation		13.1a
			Renewable energy targets and the nuclear fuel cycle		13.2a
		Marine environment	Model validation and reliability	Confidence in model	17.5.2c
			Plume dispersion at Point Lowly	Currents and circulation at Point Lowly	17.7.1c
		Economic assessment	Government revenue and expenditure	Government revenue	24.2.2a
		Health and safety	Public health and safety	Upper Spencer Gulf marine safety review	25.1.2a
		Radiation	General	Verification of Draft EIS radiation information	26.1.3d
		Product stewardship and the nuclear fuel cycle	Strategic and policy	Effectiveness of the IAEA	27.1.4a
			Nuclear waste	Nuclear waste disposal	27.6.1a
			The role of BHP Billiton	BHP Billiton obligations	27.9.2c
Rehabilitation and closure	Adequacy of assessment	Long-term management controls	28.1.2a		
		Financial provision for Rehabilitation and closure	28.1.5a		
Cumulative effects	Assessment of cumulative effects		30.1b		
17	Bird Observation & Conservation Australia	Terrestrial ecology	Tailings retention system and wildlife		16.5a,b
			Vegetation clearance/Significant environmental benefit		16.6a
		Environmental management framework	Mitigation and monitoring of impacts on birds resulting from tailings storage and transmission lines		29.5a
18	Birds Australia	Terrestrial ecology	Tailings retention system and wildlife		16.5a,b,c
			Vegetation clearance/Significant environmental benefit		16.6a
		Submissions on Draft EIS commitments	Responses to commitment comments	General commitments	32.2.5b

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19	Birds SA The Ornithological Association of SA	Terrestrial ecology	Tailings retention system and wildlife		16.5a,b
20	Caritas College	Stakeholder consultation and engagement	Stakeholder consultation process		7.1a
21	Centro Atómico Constituyentes	Introduction	Issues raised on how the Draft EIS was prepared	Assessment process	1.6.1b
		Health and safety	Public health and safety	Community health impacts	25.1.3d
		Radiation	General	General approach to Radiation safety	26.1.2c,d
			Radiation sources	Wider radiological aspects of the open pit	26.2.1a
			Radiation risks	Radiation risk factors	26.3.1a
				Nuclear industry health studies	26.3.2a
Environmental radiation	Environmental radiation levels	26.6.1a			
22	City of Port Adelaide Enfield	Description of proposed expansion	Transport	Sulphur handling facility	5.7.1a
		Noise and vibration	Outer Harbor		15.5a
		Terrestrial ecology	Emissions and flora/fauna interactions		16.2c
		Marine environment	Fisheries and aquaculture	Potential impacts on aquaculture	17.11.2b
		Radiation	General	Radiological considerations for the Northern Territory transport option	26.1.1d
23	Connor Holmes	Project alternatives	Transport	Landing facility and access corridor	4.5.1d
		Traffic	Road and rail effects in and around Port Augusta		22.3c
24	Conservation Council of SA	Project alternatives	Mining		4.1c
			Processing	Tailings disposal	4.2.1a,c
				Processing of concentrate	4.2.2b
				Water supply	Desalination plant location
				Great Artesian Basin	4.3.4a
		Energy supply and use		4.4a	
		Description of proposed expansion	Water supply	Water balance and water reuse	5.5.4a
Legislative framework	Roxby Downs Indenture		6.4a		

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		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Terrestrial ecology	Tailings retention system and wildlife		16.5a,b,c
			Vegetation clearance/Significant environmental benefit		16.6a,f
		Marine environment	Cuttlefish	Population and species status	17.10.3b
				Susceptibility of the cuttlefish population to rapid decline	17.10.4a
				Potential behavioural effects on cuttlefish	17.10.8a
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
25	Consultants in Quality Pty Ltd	Project alternatives	Water supply	Alternative supply sources	4.3.3a,b
26	Cultana Jenkins Shackowners Association	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Description of proposed expansion		Desalination plant	5.5.1f
		Terrestrial ecology	Vegetation clearance/Significant environmental benefit		16.6e
		Marine environment	Model validation and reliability	Confidence in model	17.5.2a
		Social environment	Social considerations		21.1a
			Access and disturbance	Effects on landholders and visitors around Point Lowly	21.11.2b
		Visual amenity	Desalination plant		23.1a
		Economic assessment	Government revenue and expenditure	Government revenue	24.2.2a,b
			Economic costs and benefits	Cost-benefit analysis	24.3.1a
		Product stewardship and the nuclear fuel cycle	Strategic and policy	Accounting for uranium	27.1.1a
Submissions on Draft EIS commitments	Responses to commitment comments	General commitments	32.2.5d		
		Local communities	32.2.6k		

Submission	Respondent	Chapter	Heading 2	Heading 3	Responses
27	Cuttlefish Coast Coalition	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Description of proposed expansion	Tailings storage facility	
		Water supply		Desalination plant	5.5.1c
				Saline wellfield	5.5.2a
		Energy supply		Desalination plant	5.6.2a
		Stakeholder consultation and engagement	Future stakeholder consultation and engagement		7.4b
		Surface water	Accumulation of water in the open pit	Dewatering	11.4.3a,b
		Groundwater	Numerical groundwater model	Groundwater drawdown	12.2.3a
			Tailings storage facility	Seepage	12.3.2a,c
			Rock storage facility	Geochemical modelling	12.4.1a
			Management and monitoring	Impact assessment and management	12.5.1a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Noise and vibration	Desalination plant		15.2a
		Terrestrial ecology	Tailings retention system and wildlife		16.5b
		Marine environment	Ecological surveys	Species list	17.1.3a
			Ecotoxicology	Composition of effluent/diluent/test solutions	17.4.1g
				Life stages tested	17.4.3b
			Model validation and reliability	Applicability of model to Spencer Gulf	17.5.1a,b
				Confidence in model	17.5.2a
				Data requirements	17.5.3a
			Plume dispersion at Point Lowly	Currents and circulation at Point Lowly	17.7.1c
				Effect of dodge tides	17.7.2a
Cuttlefish	Potential behavioural effects on cuttlefish		17.10.8c		
	Contingency measures		17.10.9a		
Fisheries and aquaculture	Potential impacts on wild fisheries	17.11.1a			

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		Health and safety	Public health and safety	Upper Spencer Gulf marine safety review	25.1.2a
		Radiation	Radiation sources	Radiological aspects of the tailings storage facility	26.2.3a
		Hazard and risk	Clarification of the Draft EIS risk assessment process	Description of process	31.1.1c
			New risk assessments		31.2c
28	Cuttlefish Coast Coalition (Rodgers family)	Project alternatives	Water supply	Point Lowly desalination plant	4.3.2c
				Alternative supply sources	4.3.3c
		Submissions on Draft EIS commitments	Responses to commitment comments	Energy	32.2.3d
29	Cuttlefish Coast Coalition (Appendix)	Project alternatives	Water supply	Desalination plant location	4.3.1a
30	Darwin Harbour Advisory Committee Northern Territory	Environmental management framework	Darwin Port facilities		29.2a
31	Dept. Earth Sciences, University of London	Project alternatives	Water supply	Alternative supply sources	4.3.3e
			Energy supply and use		4.4a
32	Desert Dirt Kart Club	Introduction	Issues outside the scope of the SEIS		1.3
33	Doctors for the Environment Australia	Health and safety	Public health and safety	Community health impacts	25.1.3c
34	Enersalt Pty Ltd	Project alternatives	Water supply	Point Lowly desalination plant	4.3.2d
35	Environment Centre NT	Project justification			3a
		Project alternatives	Water supply	Great Artesian Basin	4.3.4a

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		Description of proposed expansion	Tailings storage facility		5.3a	
		Legislative framework	Roxby Downs Indenture		6.4a	
		Groundwater	Tailings storage facility	Seepage	12.3.2a	
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a	
		Terrestrial ecology	Tailings retention system and wildlife		16.5a,b	
		Northern Territory transport option	Accidental spill and emergency response		20.1a,b	
			Port of Darwin infrastructure and facilities		20.2b,c	
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a	
				Government expenditure	24.2.3a	
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Suggested link between uranium supplied by Olympic Dam, the nuclear power industry and nuclear weapons	27.3.2a	
				Inferred connection between nuclear power and nuclear weapons in China	27.3.3a	
				Safeguards	Effectiveness of safeguards	27.4.2a
				Nuclear waste	Obligations on Australia	27.6.3b
The role of BHP Billiton	BHP Billiton obligations			27.9.2c,d		
36	Environment Resources & Development Committee	Project alternatives	Water supply	Desalination plant location	4.3.1a	
				Point Lowly desalination plant	4.3.2d	
		Marine environment	Ecotoxicology	Choice of species	17.4.2b	
			Model validation and reliability	Confidence in model	17.5.2c	
			Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1e	
			Entrainment	Characterisation of entrained organisms	17.13.1a,b	
				Potential ecological effects	17.13.2a,c	
				Concerns regarding impact assessment and mitigation	17.13.5b,c	
Additional studies	17.13.6a,b					

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		Environmental management framework	Upper Spencer Gulf facilities	Desalination plant and associated infrastructure	29.1.4a
		Submissions on Draft EIS commitments	Responses to commitment comments	Desalination plant	32.2.2c
37	Environment Tasmania Inc	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Description of proposed expansion	Tailings storage facility		5.3a
		Legislative framework	Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Terrestrial ecology	Tailings retention system and wildlife		16.5b
		Aboriginal cultural heritage	Legislative requirements		18.4a
		Radiation	General	Radiation controls in China	26.1.5a
		Product stewardship and the nuclear fuel cycle	Strategic and policy	Effectiveness of the IAEA	27.1.4a
			NPT and disarmament	The effectiveness of NPT	27.2.1a
Nuclear weapons	Suggested link between uranium supplied by Olympic Dam, the nuclear power industry and nuclear weapons		27.3.2a		
			Sources of nuclear material for weapons	27.3.5a	
38	Environmental Defenders Office (SA) Incorporated	Legislative framework	Roxby Downs Indenture		6.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
39	Eyre Peninsula Natural Resources Management Board	Description of proposed expansion	Energy supply	Desalination plant	5.6.2a
		Marine environment	Significant species and communities	Aquatic reserves	17.9.7a
			Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
40	Field Naturalists Society of SA	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Description of proposed expansion	Tailings storage facility		5.3a
		Legislative framework	EIS process	EIS assessment and approval process	6.1.3c

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		Surface water	Accumulation of water in the open pit	Pit lake	11.4.2a	
		Groundwater	Tailings storage facility	Seepage	12.3.2a	
		Terrestrial ecology	Tailings retention system and wildlife		16.5a,b,c	
			Vegetation clearance/Significant environmental benefit		16.6a	
		Marine environment	Ecotoxicology	Comparison with independent findings	17.4.8a	
			Salt balance in Spencer Gulf		Natural exchange rate of water in Spencer Gulf	17.6.1b
					Extent of potential effects	17.6.5b
			Plume dispersion at Point Lowly	Upwelling effects	17.7.7a	
			Potential ecological effects of return water discharge	Ecological effects of specific chemicals	17.8.4a	
			Cuttlefish		Potential for return water discharge to impinge on cuttlefish breeding habitat	17.10.5b
					Potential effects of the salinity increases on cuttlefish	17.10.6a,b
					Potential effects of chemicals, temperature and oxygen depletion on cuttlefish	17.10.7a
				Potential behavioural effects on cuttlefish	17.10.8b,c	
		Rehabilitation and closure	Adequacy of assessment	Financial provision for Rehabilitation and closure	28.1.5a	
41	Flinders and Outback Water Cruises	Project alternatives	Water supply	Desalination plant location	4.3.1a	
			Transport	Landing facility and access corridor	4.5.1b	
		Description of proposed expansion		Landing facility	5.7.2a	
				Access corridor	5.7.3a	
		Legislative framework	South Australian and local government compliance	Marine park	6.3.3a	
		Marine environment	Potential ecological effects of return water discharge	Sensitivity of the Spencer Gulf ecosystem to salinity effects	17.8.1b	
		Submissions on Draft EIS commitments	Responses to commitment comments	Desalination plant	32.2.2c	

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42	Friends of the Earth	Introduction	Issues raised on how the Draft EIS was prepared	Assessment process	1.6.1b
		Project alternatives	Processing	Processing of concentrate	4.2.2c
			Water supply	Great Artesian Basin	4.3.4a
			Energy supply and use		4.4a
		Legislative framework	Roxby Downs Indenture		6.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a		
43	Friends of the Earth (form letter)	Project alternatives	Energy supply and use		4.4a
		Description of proposed expansion	Tailings storage facility		5.3a
		Legislative framework	EIS process	EIS scope	6.1.1a
			Roxby Downs Indenture		6.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
Product stewardship and the nuclear fuel cycle	Nuclear weapons	Sources of nuclear material for weapons	27.3.5a		
	Safeguards	Accounting for uranium in China	27.4.1a		
44	Friends of the Earth Adelaide	Project alternatives	Processing	Processing of concentrate	4.2.2b,c
			Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
		Legislative framework	Roxby Downs Indenture		6.4a
		Surface water	Accumulation of water in the open pit	Pit lake	11.4.2a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
Terrestrial ecology	Tailings retention system and wildlife		16.5a,b,c		

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			Vegetation clearance/Significant environmental benefit		16.6a	
		Aboriginal cultural heritage	Olympic Dam Agreement		18.2a	
		Social environment	Labour supply	Labour requirements and skills development	21.2.1c	
			Crime and anti-social behaviour	Assessment and management of crime and anti-social behaviour	21.5.1a,b	
			Social services and facilities		Health status	21.7.2a
					Social service requirements in Roxby Downs	21.7.3a,b
					Hiltaba Village and Andamooka	21.7.4a
				Community governance	Roxby Downs	21.9.1a
		Economic assessment	Economic modelling	Model outputs	24.1.2a	
			Government revenue and expenditure	Industry subsidies	24.2.1a	
			Economic costs and benefits	Cost-benefit analysis	24.3.1a	
		Health and safety	Public health and safety	Transport safety	25.1.1a	
		Radiation	General	Basis of radiological protection	26.1.4h	
					Radiation controls in China	26.1.5a
			Radiation risks		Radiation risk factors	26.3.1a,f
					Nuclear industry health studies	26.3.2b,c
					Radioactive contamination	26.3.3a
				Occupational Radiation exposure	Medical surveillance	26.4.3a
		Product stewardship and the nuclear fuel cycle	Strategic and policy	Accounting for uranium	27.1.1a	
			NPT and disarmament	Failure of states party to the NPT to meet their treaty obligations	27.2.2a	
			Nuclear weapons		Assurance that Australian uranium is not diverted to weapons	27.3.1a
					Suggested link between uranium supplied by Olympic Dam, the nuclear power industry and nuclear weapons	27.3.2a

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			Nuclear Materials Accountancy and Control (NMAC)	Accounting for uranium in copper concentrate	27.5.1a
			Nuclear waste	Nuclear waste disposal	27.6.1b
			Nuclear industry	Operation of nuclear power plants	27.7.1c,d
			Nuclear security	Security of nuclear material	27.8.1a
			The role of BHP Billiton	BHP Billiton obligations	27.9.2a,f
45	Frontline Films	Aboriginal cultural heritage	Consultation with Traditional Owners		18.1b
		Radiation	General	Basis of radiological protection	26.1.4a,e,f
			Radiation sources	Wider radiological aspects of the open pit	26.2.1b
				Radiological aspects of the tailings storage facility	26.2.3c
			Radiation risks	Radiation risk factors	26.3.1a,f,h
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Sources of nuclear material for weapons	27.3.5a
46	Hastings Area Nuclear Free Alliance	Introduction	Issues raised on how the Draft EIS was prepared	Assessment process	1.6.1b
		Project alternatives	Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
			Transport	Road and rail transport	4.5.2c
		Legislative framework	Roxby Downs Indenture		6.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Marine environment	Cuttlefish	Potential for return water discharge to impinge on cuttlefish breeding habitat	17.10.5b
		Northern Territory transport option	Rail transport		20.3a
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
		Radiation	Radiation sources	Wider radiological aspects of the open pit	26.2.1d
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Sources of nuclear material for weapons	27.3.5a
			Safeguards	Accounting for uranium in China	27.4.1a
		Environmental management framework	Environmental reporting, transparency and independent verification		29.9b

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47	Hornridge Sporting Club	Introduction	Issues outside the scope of the SEIS		1.3
48	Hornridge Sporting Club (second submission)	Introduction	Issues outside the scope of the SEIS		1.3
49	JLKT Pty Ltd	Project alternatives	Transport	Landing facility and access corridor	4.5.1c
		Legislative framework	EIS process	EIS assessment and approval process	6.1.3f
		Rehabilitation and closure	Individual components	Rehabilitation and closure strategy for the landing facility	28.2.1a
50	Just Peace	Project alternatives	Mining		4.1a
		Legislative framework	Roxby Downs Indenture		6.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
51	Laguna Holdings Pty Ltd	Stakeholder consultation and engagement	Stakeholder consultation process		7.1a
52	Medical Association for Prevention of War Australia	Project alternatives	Processing	Tailings disposal	4.2.1d
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Radiation	Radiation sources	Radiological aspects of the tailings storage facility	26.2.3a,b
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Suggested link between uranium supplied by Olympic Dam, the nuclear power industry and nuclear weapons	27.3.2a
			Safeguards	Effectiveness of safeguards	27.4.2a
	Nuclear waste	Nuclear waste disposal	27.6.1a		
53	Murray Darling Association Inc	Project alternatives	Energy supply and use		4.4a
54	Museum Victoria	Project alternatives	Water supply	Desalination plant location	4.3.1a

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		Marine environment	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
			Cuttlefish	Importance of the cuttlefish breeding aggregation at Point Lowly	17.10.2a,b
					Potential behavioural effects on cuttlefish
55	National Farmers' Association	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
56	Native Vegetation Council	Terrestrial ecology	Vegetation clearance/Significant environmental benefit		16.6f
57	Nature Conservation Society of South Australia	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
		Surface water	Accumulation of water in the open pit	Pit lake	11.4.2a
		Terrestrial ecology	Tailings retention system and wildlife		16.5b,c
			Vegetation clearance/Significant environmental benefit		16.6a
		Marine environment	Ecotoxicology	Composition of effluent/diluent/test solutions	17.4.1a
Environmental management framework	Upper Spencer Gulf facilities	Development of contingencies and accountability for impacts	29.1.10a,c		
58	No Mines SA	Introduction	Issues outside scope of the SEIS		1.3
59	Northern and Yorke Natural Resources Management Board	Legislative framework	Legislative compliance	Permits and licences	6.2.1b
		Marine environment	Potential ecological effects of return water discharge	Sensitivity of the Spencer Gulf ecosystem to salinity effects	17.8.1a
				Extent of potential effects on marine communities	17.8.3a
		Environmental management framework	Involvement of stakeholders and regulators		29.8a,c
Submissions on Draft EIS commitments	Responses to commitment comments	Desalination plant	32.2.2b		

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60	Nutt Bros Nominees Pty Ltd	Project alternatives	Transport	Landing facility and access corridor	4.5.1c
		Marine environment	Introduced pests	Marine pest risks	17.17.1a
61	Olympic Dam Football Club	Stakeholder consultation and engagement	Compensation		7.7a
		Traffic	Effects of road traffic in and around Roxby Downs		22.2a
62	Outback Areas Community Development Trust	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
			Energy supply and use		4.4a
		Description of proposed expansion	Transport	Intermodal facility	5.7.6a
		Legislative framework	EIS process	EIS assessment and approval process	6.1.3g
		Topography and soils	Soil contamination		10.4a
		Groundwater	Management and monitoring	Impact assessment and management	12.5.1a
		Air quality	Criteria and impact assessment	Particulates	14.1.1a
		Terrestrial ecology	Management of weeds and abundant species		16.3a
			Tailings retention system and wildlife		16.5a,b
		Social environment	Housing and accommodation		21.6d
			Community governance	Outback areas	21.9.2b
			Access and disturbance	Effects on other landholders and visitors	21.11.3c
		Traffic	Effects of road traffic on major public roads		22.1a
			Traffic effects on other road users		22.4a
Environmental management framework	Upper Spencer Gulf facilities	Development of contingencies and accountability for impacts	29.1.10c		
Submissions on Draft EIS commitments	Responses to commitment comments	Energy	32.2.3f		
		Local communities	32.2.6d,h,n,o,q		
63	Outback Consultative Committee	Project alternatives	Transport	Road and rail transport	4.5.2a
		Description of proposed expansion		Rail	5.7.5a
		Stakeholder consultation and engagement	Compensation		7.7a

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		Terrestrial ecology	Management of weeds and abundant species		16.3a
			Vegetation clearance/Significant environmental benefit		16.6a
		Social environment	Tourism management	Tourism in Roxby Downs and environs	21.4.1a
			Social services and facilities	Social service requirements in Roxby Downs	21.7.3g
		Health and safety	Public health and safety	Safety aspects in Roxby Downs (including water quality)	25.1.4b
		Radiation	Environmental radiation	Environmental radiation levels	26.6.1b
		Submissions on Draft EIS commitments	Responses to commitment comments	Arid Recovery	32.2.1a
				Energy	32.2.3f
				Local communities	32.2.6b,f
64	Paul Laris & Associates	Project alternatives	Water supply	Desalination plant location	4.3.1a
65	People for Nuclear Disarmament	Project alternatives	Mining		4.1b
			Processing	Tailings disposal	4.2.1a
				Processing of concentrate	4.2.2b
			Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
			Energy supply and use		4.4a
		Transport	Road and rail transport	4.5.2c	
		Description of proposed expansion	Energy supply	Desalination plant	5.6.2a
			Accommodation		5.8b
		Legislative framework	Roxby Downs Indenture		6.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Northern Territory transport option	Rail transport		20.3a
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
Radiation	Radiation risks	Radiation risk factors	26.3.1b		

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		Product stewardship and the nuclear fuel cycle	Strategic and policy	Effectiveness of bilateral agreements	27.1.3a
				Olympic Dam uranium and the spread of nuclear weapons	27.1.5a
			NPT and disarmament	The effectiveness of NPT	27.2.1a
			Nuclear weapons	Suggested link between uranium supplied by Olympic Dam, the nuclear power industry and nuclear weapons	27.3.2a
				Mixed oxide fuel stockpile in Japan	27.3.4a
			Safeguards	Effectiveness of safeguards	27.4.2a
			Nuclear Materials Accountancy and Control (NMAC)	Material unaccounted for (MUF)	27.5.2a
			The role of BHP Billiton	BHP Billiton obligations	27.9.2c
66	Port Adelaide Resident's Environment Protection Group	Description of proposed expansion	Transport	Sulphur handling facility	5.7.1a
				Rail	5.7.5a
		Terrestrial ecology	Emissions and flora/fauna interactions	16.2c	
		Health and safety	Public health and safety	Transport safety	25.1.1c
67	Port Augusta City Council	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Alternative supply sources	4.3.3g
			Transport	Landing facility and access corridor	4.5.1a,c
		Description of proposed expansion	Landing facility	5.7.2a	
			Pre-assembly yard	5.7.4a	
		Legislative framework	Roxby Downs Indenture	6.4a	
		Social environment	Social services and facilities	Population growth in Port Augusta	21.7.5a
		Traffic	Effects of road traffic on major public roads	22.1b	
			Road and rail effects in and around Port Augusta	22.3a,d,e	
		Product stewardship and the nuclear fuel cycle	Nuclear industry	Operation of nuclear power plants	27.7.1a,b,d
Rehabilitation and closure	Individual components	Rehabilitation and closure strategy for the landing facility	28.2.1a		

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		Submissions on Draft EIS commitments	Responses to commitment comments	Desalination plant	32.2.2a
				Environmental impacts	32.2.4a
				Local communities	32.2.6a,h
68	Port Augusta Coastal Homes Association	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Transport	Landing facility and access corridor	4.5.1b,c
		Description of proposed expansion		Landing facility	5.7.2a
				Access corridor	5.7.3a
		Legislative framework	South Australian and local government compliance	Development plans	6.3.2a
			Roxby Downs Indenture		6.4a
		Stakeholder consultation and engagement	Stakeholder consultation process		7.1a
			Compensation		7.7a
		Noise and vibration	Landing facility		15.3a
			Access corridor and pre-assembly yard		15.4a
		Marine environment	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
			Landing facility	General effects on the marine environment	17.16.1b
				Effects of bow waves	17.16.2a
				Effects of propeller wash on biota	17.16.3a
				Effects of sediment winnowing on turbidity	17.16.4a
				Effects of the rock pad	17.16.7b
			Introduced pests	Marine pest risks	17.17.1a
			Vectors of concern	17.17.2a	
	Potential ecological risks	17.17.4c			
Social environment	Labour supply	Effects on local and regional employment	21.2.2d		
	Tourism management	Tourism in Upper Spencer Gulf	21.4.2a		

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			Access and disturbance	Effects on landholders and visitors around Port Augusta	21.11.1a,b,c	
				Effects on landholders and visitors around Point Lowly	21.11.2b	
			Visual amenity	Desalination plant		23.1a
				Landing facility and access corridor		23.2a
			Rehabilitation and closure	Individual components	Rehabilitation and closure strategy for the landing facility	28.2.1a
			Environmental management framework	Upper Spencer Gulf facilities	Desalination plant and associated infrastructure	29.1.4a
					Development of contingencies and accountability for impacts	29.1.10a,c
			Cumulative effects	Assessment of cumulative effects		30.1c
69	Roxby District Sporting Club	Introduction	Issue outside the scope of the SEIS		1.3	
70	Roxby Downs Bowling Club	Introduction	Issue outside the scope of the SEIS		1.3	
71	Roxby Downs Community Board	Stakeholder consultation and engagement	Compensation		7.7a	
		Surface water	Rock storage facility	Modelling of run-off water flow and quality	11.2.1a	
				Management	11.2.2a	
			Clay pan ecology	Potential impact and management	11.3.1a	
		Air quality	Criteria and impact assessment	Particulates	14.1.1a	
		Noise and vibration	Olympic Dam region		15.1a	
		Terrestrial ecology	Emissions and flora/fauna interactions		16.2b	
			Management of weeds and abundant species		16.3a	
			Tailings retention system and wildlife		16.5a	
			Vegetation clearance/Significant environmental benefit		16.6a	
		Social environment	Labour supply	Effects on local and regional employment	21.2.2b	
Local business opportunities			21.3a,b			
Tourism management	Tourism in Roxby Downs and environs		21.4.1a			

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			Crime and anti-social behaviour	Assessment and management of crime and anti-social behaviour	21.5.1a,b	
				Hiltaba Village	21.5.3a,b	
			Housing and accommodation		21.6a	
			Social services and facilities	Existing services	21.7.1a	
				Health status	21.7.2a	
				Social service requirements in Roxby Downs	21.7.3a,f,g	
			Long distance commuting		21.8a	
			Community governance	Roxby Downs	21.9.1c	
			Traffic	Effects of road traffic on major public roads	22.1d	
			Radiation	General	General approach to radiation safety	26.1.2b
				Environmental radiation	Environmental radiation levels	26.6.1a,b
			Submissions on Draft EIS commitments	Responses to commitment comments	Arid Recovery	32.2.1a
					Energy	32.2.3b,f
					General commitments	32.2.5c
					Local communities	32.2.6e,f
72	Roxby Downs Council	Project alternatives	Hiltaba Village		4.6a	
		Description of proposed expansion	Transport	Sulphur handling facility	5.7.1a	
		Legislative framework	Roxby Downs Indenture		6.4a,b	
		Air quality	Criteria and impact assessment	Particulates	14.1.1a	
		Noise and vibration	Olympic Dam region		15.1a	
		Terrestrial ecology	Emissions and flora/fauna interactions		16.2b	
		Social environment	Labour supply	Effects on local and regional employment	21.2.2a,b	
			Local business opportunities		21.3a	
			Tourism management	Tourism in Roxby Downs and environs	21.4.1a	
			Crime and anti-social behaviour	Hiltaba Village	21.5.3a	
	Housing and accommodation		21.6a			

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			Social services and facilities	Existing services	21.7.1a	
				Social service requirements in Roxby Downs	21.7.3a,c,d,f,g	
			Long distance commuting		21.8a	
			Community governance	Roxby Downs	21.9.1c	
			Traffic	Effects of road traffic in and around Roxby Downs	22.2a	
			Radiation	Environmental radiation	Environmental Radiation levels	26.6.1b
			Environmental management framework	Weeds and pests (non-marine)		29.4a
73	Roxby Downs Riding Club	Introduction	Issues outside the scope of the SEIS		1.3	
74	Roxby Downs Swimming Club	Social environment	Social services and facilities	Social service requirements in Roxby Downs	21.7.3h	
75	Roxby Downs Tennis Club	Introduction	Issues outside the scope of the SEIS		1.3	
76	Roxby Rogues Cricket Club	Introduction	Issues outside the scope of the SEIS		1.3	
77	Roxstop Action	Project alternatives	Processing	Tailings disposal	4.2.1d	
			Water supply	Great Artesian Basin	4.3.4a	
			Energy supply and use		4.4a	
		Radiation	Radiation risks	Radiation risk factors	26.3.1f,g	
			Public radiation exposure	Member of the public exposure levels	26.5.1c	
Product stewardship and the nuclear fuel cycle	Nuclear weapons	Assurance that Australian uranium is not diverted to weapons	27.3.1a			
78	SA Unions	Project alternatives	Processing	Processing of concentrate	4.2.2b	
			Water supply	Desalination plant location	4.3.1a	
		Stakeholder consultation and engagement	Stakeholder consultation process		7.1a	
		Social environment	Labour supply	Labour requirements and skills development	21.2.1b,c	
			Crime and anti-social behaviour	Assessment and management of crime and anti-social behaviour	21.5.1b	

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			Housing and accommodation		21.6a
			Social services and facilities	Social service requirements in Roxby Downs	21.7.3b
			Long distance commuting		21.8a
		Economic assessment	Government revenue and expenditure	Government revenue	24.2.2a
		Health and safety	Occupational health	Operational safety	25.2.1d,e
79	Save Point Lowly	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Stakeholder consultation and engagement	Compensation		7.7a
		Marine environment	Return water characteristics	Heavy metals	17.3.2a
			Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1a,f,h
			Entrainment	Characterisation of entrained organisms	17.13.1a
				Potential ecological effects	17.13.2a,b,c
				Concerns regarding impact assessment and mitigation	17.13.5e
				Additional studies	17.13.6a
		Social environment	Access and disturbance	Effects on landholders and visitors around Point Lowly	21.11.2a
		Economic assessment	Economic costs and benefits	Cost-benefit analysis	24.3.1a
		Environmental management framework	Upper Spencer Gulf facilities	Desalination plant and associated infrastructure	29.1.4a
				Specifics to be incorporated into monitoring programs for Upper Spencer Gulf	29.1.7a,b
				Regulation and responsibilities	29.1.11a
		Submissions on Draft EIS commitments	Responses to commitment comments	Desalination plant	32.2.2b
				Local communities	32.2.6i,l
80	School of Biological Sciences, Flinders University	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Point Lowly desalination plant	4.3.2d
		Marine environment	Ecological surveys	Species list	17.1.3a
			Water/sediment surveys	Water quality	17.2.1a

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				Sediment quality	17.2.2d
			Return water characteristics	Composition of the return water discharge	17.3.1b
				Heavy metals	17.3.2a,b,c
			Ecotoxicology	Choice of species	17.4.2b,e
				Acclimation and exposure characteristics	17.4.4c
				Acute versus chronic tests	17.4.6b
			Model validation and reliability	Data requirements	17.5.3c
			Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1c
				Desalination analogies	17.6.4a
			Plume dispersion at Point Lowly	Mixing zone targets	17.7.3a
				Near field modelling	17.7.5a
			Potential ecological effects of return water discharge	Sensitivity of the Spencer Gulf ecosystem to salinity effects	17.8.1a,d
				Ecological effects of specific chemicals	17.8.4a,b,e
				Precautionary principle and uncertainty	17.8.5a
			Significant species and communities	Sponge community	17.9.2a,b
				Marine invertebrates	17.9.3a,b,c
			Cuttlefish	Potential for return water discharge to impinge on cuttlefish breeding habitat	17.10.5b,c
			Entrainment	Characterisation of entrained organisms	17.13.1b
				Potential ecological effects	17.13.2d
				Concerns regarding impact assessment and mitigation	17.13.5b
			Marine construction	Baseline surveys	17.14.6a
			Introduced pests	Marine pest risks	17.17.1a
				Vectors of concern	17.17.2a,b
				Factors that increase risks	17.17.3b

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			Climate change	Effect on salt accumulation in Upper Spencer Gulf	17.18.1a,c
				Effects of increased pH and temperature	17.18.2a
81	South Australian Recreational Fishing Advisory Council	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Marine environment	Model validation and reliability	Confidence in model	17.5.2b,c
			Stratification and deoxygenation	Additional studies	17.12.6a
		Environmental management framework	Upper Spencer Gulf facilities	Desalination plant and associated infrastructure	29.1.4a
82	South Australian Tourism Commission	Marine environment	Cuttlefish	Importance of the cuttlefish breeding aggregation at Point Lowly	17.10.2a
83	Spencer Gulf and West Coast Prawn Fishermen's Association	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Legislative framework	South Australian and local government compliance	Marine park	6.3.3a
		Marine environment	Ecotoxicology	Composition of effluent/diluent/test solutions	17.4.1d,e,f
				Life stages tested	17.4.3a,c
				Acclimation and exposure characteristics	17.4.4a,b
				Calculation and reliability of the SPTV	17.4.7c,d,e
			Model validation and reliability	Confidence in model	17.5.2b,c,d
				Data requirements	17.5.3e,f,g
				Specific model validation issues	17.5.4d,e,f,g
		Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1d	
		Plume dispersion at Point Lowly	Effect of dodge tides	17.7.2a	
			Mixing zone targets	17.7.3a	
			Upwelling effects	17.7.7a	
		Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3b	
			Precautionary principle and uncertainty	17.8.5a	
		Cuttlefish	Potential behavioural effects on cuttlefish	17.10.8a	
Contingency measures	17.10.9a				
Fisheries and aquaculture	Potential impacts on wild fisheries	17.11.1a			

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				Potential impacts on aquaculture	17.11.2a
			Stratification and deoxygenation	Oxygen content of the return water	17.12.1a
				Potential for stratification	17.12.2a,b
				Potential for oxygen depletion	17.12.3b
				Oxygen requirements of marine organisms	17.12.4a
				Potential ecological effects of oxygen depletion	17.12.5a
			Marine construction	Effects on seagrass	17.14.2b
			Introduced pests	Vectors of concern	17.17.2a
				Factors that increase risks	17.17.3c
84	The Elliston Concept	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Transport	Landing facility and access corridor	4.5.1b
		Description of proposed expansion		Landing facility	5.7.2c
			Accommodation		5.8a
		Terrestrial ecology	Listed species		16.4a
		Marine environment	Water/sediment surveys	Water quality	17.2.1a
				Sediment quality	17.2.2a,b,c,d,e
			Return water characteristics	Composition of the return water discharge	17.3.1c
				Heavy metals	17.3.2a,b
			Ecotoxicology	Composition of effluent/diluent/test solutions	17.4.1i
			Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1a
				Extent of potential effects	17.6.5a
			Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3f
				Ecological effects of specific chemicals	17.8.4a,b,g
			Significant species and communities	General	17.9.1a
			Entrainment	Characterisation of entrained organisms	17.13.1a
Potential ecological effects	17.13.2b,c,e				
Potential effects on fisheries	17.13.3b				

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				Concerns regarding impact assessment and mitigation	17.13.5a,b
				Additional studies	17.13.6c
			Landing facility	Remobilisation of metals	17.16.5a
		Health and safety	Public health and safety	Safety aspects in Roxby Downs (including water quality)	25.1.4a
		Environmental management framework	Upper Spencer Gulf facilities	Shipping activities	29.1.2a
				Desalination plant and associated infrastructure	29.1.4a
				Specifics to be incorporated into monitoring programs for Upper Spencer Gulf	29.1.7a,b
				Regulator involvement in environmental monitoring programs for the desalination plant	29.1.9a
				Development of contingencies and accountability for impacts	29.1.10a,c
85	The Macleay Nuclear Free Alliance	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Legislative framework	Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2c
			Management and monitoring	Impact assessment and management	12.5.1a
				Groundwater-dependent ecosystems	12.5.6a
		Air quality	Criteria and impact assessment	Particulates	14.1.1a
		Health and safety	Public health and safety	Community health impacts	25.1.3a
		Radiation	General	Basis of radiological protection	26.1.4h
			Radiation sources	Wider radiological aspects of the open pit	26.2.1a
			Radiation risks	Radiation risk factors	26.3.1a,d,f
		Product stewardship and the nuclear fuel cycle	NPT and disarmament	The effectiveness of NPT	27.2.1a
				Failure of states party to the NPT to meet their treaty obligations	27.2.2a
			Safeguards	Accounting for uranium in China	27.4.1a

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				Effectiveness of safeguards	27.4.2a
		Environmental management framework	Upper Spencer Gulf facilities	Development of contingencies and accountability for impacts	29.1.10a,c
		Submissions on Draft EIS commitments	Responses to commitment comments	Desalination plant	32.2.2d
86	The University of Adelaide	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Marine environment	Ecological surveys	Species list	17.1.3a
			Water/sediment surveys	Sediment quality	17.2.2b,d
			Ecotoxicology	Choice of species	17.4.2c
				Quality control issues	17.4.5a
				Acute versus chronic tests	17.4.6b
			Model validation and reliability	Confidence in model	17.5.2a
			Plume dispersion at Point Lowly	Mixing zone targets	17.7.3a
			Cuttlefish	Population and species status	17.10.3b
				Potential effects of the salinity increases on cuttlefish	17.10.6c
				Potential behavioural effects on cuttlefish	17.10.8a,b
			Fisheries and aquaculture	Potential impacts on wild fisheries	17.11.1c
			Entrainment	Potential ecological effects	17.13.2c
				Potential effects on cuttlefish	17.13.4a
				Additional studies	17.13.6a
		Marine construction	Effects on Australian Giant Cuttlefish	17.14.5a	
		Introduced pests	Factors that increase risks	17.17.3a	
		Environmental management framework	Upper Spencer Gulf facilities	Review of assessment criteria, model predictions and monitoring programs	29.1.6a
				Development of contingencies and accountability for impacts	29.1.10a

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87	Toowoomba and Region Environmental Council	Description of proposed expansion	Tailings storage facility		5.3a
88	United Nations Association of Australia, South Australia	Project alternatives	Processing	Processing of concentrate	4.2.2b
			Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
		Description of proposed expansion	Accommodation		5.8a
		Legislative framework	Roxby Downs Indenture		6.4a
		Surface water	Accumulation of water in the open pit	Pit lake	11.4.2a
		Greenhouse gas	Assessment and mitigation		13.1a
		Terrestrial ecology	Tailings retention system and wildlife		16.5a,b
		Marine environment	Entrainment	Characterisation of entrained organisms	17.13.1a
				Potential ecological effects	17.13.2a,c
		Economic assessment	Government revenue and expenditure	Government revenue	24.2.2a
Radiation	Radiation sources	Radiological aspects of the tailings storage facility	26.2.3a,b		
Product stewardship and the nuclear fuel cycle	Strategic and policy	Accounting for uranium	27.1.1a		
89	University of Melbourne	Marine environment	Ecotoxicology	Calculation and reliability of the SPTV	17.4.7a,c,f
90	Whyalla Economic Development Board	Project alternatives	Water supply	Point Lowly desalination plant	4.3.2a,e
			Description of proposed expansion		Desalination plant
		Transport		Access corridor	5.7.3a
		Noise and vibration	Desalination plant		15.2a
Visual amenity			23.1a		
91	Whyalla Lab Gribbles	Project alternatives	Water supply	Desalination plant location	4.3.1a

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92	Women's International League for Peace and Freedom	Project alternatives	Processing	Tailings disposal	4.2.1a	
				Processing of concentrate	4.2.2c	
			Water supply	Desalination plant location	4.3.1a	
				Great Artesian Basin	4.3.4a	
		Legislative framework	Roxby Downs Indenture		6.4a	
		Groundwater	Tailings storage facility	Seepage	12.3.2a,c	
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a	
		Terrestrial ecology	Tailings retention system and wildlife		16.5a,b	
			Vegetation clearance/Significant environmental benefit		16.6a,f	
		Aboriginal cultural heritage	Consultation with Traditional Owners		18.1b	
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a	
		Product stewardship and the nuclear fuel cycle	Nuclear weapons		Inferred connection between nuclear power and nuclear weapons in China	27.3.3a
				Nuclear Materials Accountancy and Control (NMAC)	Accounting for uranium in copper concentrate	27.5.1a
			Nuclear waste		Nuclear waste disposal	27.6.1a
			Nuclear industry		Life cycle of uranium	27.7.2a
			The role of BHP Billiton		BHP Billiton obligations	27.9.2d
		Rehabilitation and closure	Adequacy of assessment		Rehabilitation and closure objectives	28.1.4a
Environmental management framework	Mitigation and monitoring of impacts on birds resulting from tailings storage and transmission lines			29.5a,b		
Submissions on Draft EIS commitments	Responses to commitment comments		Local communities	32.2.6g		
93	Wilderness Society (form letter)	Project alternatives	Water supply	Desalination plant location	4.3.1a	
		Marine environment	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a	
		Hazard and risk	Clarification of the Draft EIS risk assessment process	Applying the risk assessment process in the EIS context	31.1.2b	

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94	Woomera and Districts Football League	Introduction	Issues outside the scope of the SEIS		1.3
95	Worms S.A.	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Stakeholder consultation and engagement	Public exhibition period		7.2a
96	Ranjan Abayasekara	Project alternatives	Water supply	Desalination plant location	4.3.1a
97	Jess Abrahams	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
			Transport	Road and rail transport	4.5.2c
		Legislative framework	Roxby Downs Indenture		6.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Marine environment	Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1e
			Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
			Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
		Northern Territory transport option	Rail transport		20.3a
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Sources of nuclear material for weapons	27.3.5a
			Nuclear waste	Nuclear waste disposal	27.6.1a
The role of BHP Billiton	BHP Billiton obligations		27.9.2d		
98	David Allen	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Groundwater	Tailings storage facility	Seepage	12.3.2c
		Terrestrial ecology	Vegetation clearance/Significant environmental benefit		16.6b
		Aboriginal cultural heritage	Olympic Dam Agreement		18.2a
99	Miriam Amery-Gale	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a

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		Marine environment	Cuttlefish	Potential effects of the salinity increases on cuttlefish	17.10.6b
100	Paul Anderson	Project alternatives	Water supply	Desalination plant location	4.3.1a
101	Garry Andrew	Project alternatives	Water supply	Desalination plant location	4.3.1a
102	Christine Arnold	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
			Energy supply and use		4.4a
			Transport	Landing facility and access corridor	4.5.1c
		Description of proposed expansion	Water supply	Saline wellfield	5.5.2a
				Water balance and water reuse	5.5.4a
			Transport	Landing facility	5.7.2a
		Stakeholder consultation and engagement	Public exhibition period		7.2a
		Greenhouse gas	Assessment and mitigation		13.1a
			Renewable energy targets and the nuclear fuel cycle		13.2a
		Air quality	Criteria and impact assessment	Particulates	14.1.1a
		Marine environment	Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1f
				Salt removal mechanism	17.6.3a,c
			Plume dispersion at Point Lowly	Upwelling effects	17.7.7b
			Potential ecological effects of return water discharge	Sensitivity of the Spencer Gulf ecosystem to salinity effects	17.8.1c
	Extent of potential effects on marine communities		17.8.3e		
	Ecological effects of specific chemicals		17.8.4a,d		
	Cuttlefish		Potential for return water discharge to impinge on cuttlefish breeding habitat	17.10.5d	
Radiation	Radiation sources	Wider radiological aspects of the open pit	26.2.1g		
103	Riley Ashton	Marine environment	Cuttlefish	Potential for return water discharge to impinge on cuttlefish breeding habitat	17.10.5a

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104	Robbie Auhl	Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Product stewardship and the nuclear fuel cycle	Nuclear waste	Nuclear waste disposal	27.6.1a
105	Yvonne Badger	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Marine environment	Plume dispersion at Point Lowly	Currents and circulation at Point Lowly	17.7.1c
106	Darren Baker	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Description of proposed expansion	Transport	Access corridor	5.7.3a
		Topography and soils	Soil erosion		10.1a
		Terrestrial ecology	Vegetation clearance/Significant environmental benefit		16.6a
		Marine environment	Landing facility	Effects of bow waves	17.16.2a
				Effects of propeller wash on biota	17.16.3a
				Introduced pests	17.17.1a
		Social environment	Amenity of Upper Spencer Gulf		21.10a
		Traffic	Road and rail effects in and around Port Augusta		22.3b
Environmental management framework	Upper Spencer Gulf facilities	Desalination plant and associated infrastructure	29.1.4a		
107	Russell Bambridge	Project alternatives	Water supply	Desalination plant location	4.3.1a
				The Point Lowly desalination plant	4.3.2e
108	Keith Banfield	Project alternatives	Processing	Processing of concentrate	4.2.2b
109	Greg Bannon	Project alternatives	Water supply	Desalination plant location	4.3.1a
				The Point Lowly desalination plant	4.3.2a
				Transport	4.5.1b
		Marine environment	Landing facility	General effects on the marine environment	17.16.1a,b
		Submissions on Draft EIS commitments	Responses to commitment comments	Desalination plant	32.2.2b
110	J Beare	Project alternatives	Processing	Minerals processing	4.2.3a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
111	John Beinke	Project alternatives	Water supply	Desalination plant location	4.3.1a

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112	Donna Belder	Project alternatives	Processing	Processing of concentrate	4.2.2b
			Energy supply and use		4.4a
		Legislative framework	Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a,c
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Marine environment	Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
113	Robert Bell	Product stewardship and the nuclear fuel cycle	Nuclear industry	Operation of nuclear power plants	27.7.1c
114	Antoinette Bentley	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
			Energy supply and use		4.4a,b
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Marine environment	Model validation and reliability	Confidence in model	17.5.2c
			Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
			Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
Climate change	Effect on salt accumulation in Upper Spencer Gulf	17.18.1a			
115	Noelene Bishop	Project alternatives	Water supply	Desalination plant location	4.3.1a
116	Cath Blakey	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
		Energy supply and use		4.4a	
		Description of proposed expansion	Tailings storage facility		5.3a
		Legislative framework	Roxby Downs Indenture		6.4a
Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a		

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		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
		Product stewardship and the nuclear fuel cycle	NPT and disarmament	Failure of states party to the NPT to meet their treaty obligations	27.2.2a
			Nuclear waste	Nuclear waste disposal	27.6.1b
			The role of BHP Billiton	BHP Billiton obligations	27.9.2c
117	Janet M Bohlin	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Point Lowly desalination plant	4.3.2e
		Description of proposed expansion	Energy supply	Desalination plant	5.6.2a
118	Liz Bonner	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Terrestrial ecology	Arid recovery		16.1a
		Environmental management framework	Upper Spencer Gulf facilities	Desalination plant and associated infrastructure	29.1.4a
119	Robert Borlace	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Description of proposed expansion		On-site desalination	5.5.3a
120	Annette Bowley	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Stakeholder consultation and engagement	Compensation		7.7a
		Marine environment	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
			Stratification and deoxygenation	Potential ecological effects of oxygen depletion	17.12.5a
		Social environment	Access and disturbance	Effects on landholders and visitors around Point Lowly	21.11.2a
		Submissions on Draft EIS commitments	Responses to commitment comments	Desalination plant	32.2.2b
121	Stewart & Glenda Bowshire	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Transport	Landing facility and access corridor	4.5.1b
		Legislative framework	South Australian and local government compliance	Marine park	6.3.3a
		Marine environment	Landing facility	Effects of sediment winnowing on turbidity	17.16.4a
			Introduced pests	Marine pest risks	17.17.1a
		Visual amenity	Landing facility and access corridor		23.2a

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122	Craig Bowshire	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Description of proposed expansion	Transport	Landing facility
		Stakeholder consultation and engagement	Compensation		7.7a
		Marine environment	Model validation and reliability	Confidence in model	17.5.2c
			Significant species and communities	General	17.9.1b
			Fisheries and aquaculture	Potential impacts on wild fisheries	17.11.1b
			Stratification and deoxygenation	Potential ecological effects of oxygen depletion	17.12.5a
			Marine construction	Ecological effects of pipeline installation	17.14.1b
			Marine blasting	Impact of blasting on the marine environment	17.15.1a
			Landing facility	Effects of propeller wash on biota	17.16.3a
			Introduced pests	Potential ecological risks	17.17.4a,c
123	Anthony Bramley	Marine environment	Ecotoxicology	Choice of species	17.4.2b
		Environmental management framework	Upper Spencer Gulf facilities	Specifics to be incorporated into monitoring programs for Upper Spencer Gulf	29.1.7a,b
		Submissions on Draft EIS commitments	Responses to commitment comments	Local communities	32.2.6c
124	Lyn Breuer	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Energy supply and use		4.4a
		Marine environment	Model validation and reliability	Confidence in model	17.5.2a,c
			Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1e
			Entrainment	Concerns regarding impact assessment and mitigation	17.13.5d
		Environmental management framework	Upper Spencer Gulf facilities	Desalination plant and associated infrastructure	29.1.4a
				Regulator involvement in environmental monitoring programs for the desalination plant	29.1.9a
Submissions on Draft EIS commitments	Responses to commitment comments	Desalination plant	32.2.2a,c		
125	Jamie Brideson	Project alternatives	Water supply	Desalination plant location	4.3.1a

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				Great Artesian Basin	4.3.4a
		Legislative framework	Roxby Downs Indenture		6.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Aboriginal cultural heritage	Consultation with Traditional Owners		18.1e
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
		Radiation	Radiation sources	Radiological aspects of the tailings storage facility	26.2.3a
		Product stewardship and the nuclear fuel cycle	Strategic and policy	Australian Defence White Paper	27.1.2a
		Rehabilitation and closure	Adequacy of assessment	Radiation post-closure	28.1.3a
126	John Burrows	Product stewardship and the nuclear fuel cycle	Nuclear waste	Obligations on Australia	27.6.3a
127	Graham Burt	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Marine environment	Salt balance in Spencer Gulf	Desalination analogies	17.6.4b
			Plume dispersion at Point Lowly	Upwelling effects	17.7.7a
			Climate change	Effect on salt accumulation in Upper Spencer Gulf	17.18.1a
128	Hamish Cameron	Project alternatives	Water supply	The Point Lowly desalination plant	4.3.2a
		Marine environment	Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1e
129	Wayne Carn	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Point Lowly desalination plant	4.3.2e
130	Mary-Anne Chen	Legislative framework	EIS process	EIS assessment and approval process	6.1.3d,e
		Marine environment	Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1e
			Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
			Stratification and deoxygenation	Oxygen content of the return water	17.12.1a
				Potential ecological effects of oxygen depletion	17.12.5a
		Social environment	Labour supply	Effects on local and regional employment	21.2.2b
		Tourism management	Tourism in Upper Spencer Gulf	21.4.2a	

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		Visual amenity	Desalination plant		23.1a
131	Iome Christa	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Legislative framework	Roxby Downs Indenture		6.4a
		Marine environment	Model validation and reliability	Confidence in model	17.5.2a
132	Rufus Coffield-Feith	Legislative framework	Roxby Downs Indenture		6.4a
133	Agnes Connellan	Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
134	Lisa Costello	Project alternatives	Processing	Processing of concentrate	4.2.2b
			Energy supply and use		4.4a
		Rehabilitation and closure	Adequacy of assessment	Radiation post-closure	28.1.3a
135	Graeme Coutts	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Transport	Landing facility and access corridor	4.5.1b
		Stakeholder consultation and engagement	Compensation		7.7a
		Noise and vibration	Landing facility		15.3a
		Marine environment		General effects on the marine environment	17.16.1e
				Effects of sediment winnowing on turbidity	17.16.4a
		Social environment	Labour supply	Effects on local and regional employment	21.2.2d
Access and disturbance	Effects on landholders and visitors around Port Augusta		21.11.1b,c		
136	Catherine Cox	Project alternatives	Mining		4.1a
			Energy supply and use		4.4a
		Surface water	Accumulation of water in the open pit	Pit lake	11.4.2a
		Groundwater	Numerical groundwater model	Groundwater drawdown	12.2.3a
			Tailings storage facility	Seepage	12.3.2c
		Greenhouse gas	Assessment and mitigation		13.1a
			Renewable energy targets and the nuclear fuel cycle		13.2a

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		Terrestrial ecology	Management of weeds and abundant species		16.3a
			Tailings retention system and wildlife		16.5a,b
		Marine environment	Climate change	Effect on salt accumulation in Upper Spencer Gulf	17.18.1a
		Aboriginal cultural heritage	Consultation with Traditional Owners		18.1c
		Economic assessment	Economic modelling	Future economic environment	24.1.4a
			Government revenue and expenditure	Industry subsidies	24.2.1a
137	Edward Cranswick	Mining-induced seismicity	Seismic activity		8.1a
138	Helen Crawford	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
		Description of proposed expansion	Tailings storage facility		5.3a
		Legislative framework	South Australian and local government compliance	Marine park	6.3.3a
		Marine environment	Return water characteristics	Heavy metals	17.3.2c
			Ecotoxicology	Composition of effluent/diluent/test solutions	17.4.1h
				Choice of species	17.4.2c
			Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1f
			Potential ecological effects of return water discharge	Ecological effects of specific chemicals	17.8.4b
		Cuttlefish	Population and species status		17.10.3a,b
			Contingency measures		17.10.9a
		Fisheries and aquaculture	Potential impacts on wild fisheries		17.11.1a
		Stratification and deoxygenation	Potential for oxygen depletion		17.12.3a
			Potential ecological effects of oxygen depletion		17.12.5a
Climate change	Effect on salt accumulation in Upper Spencer Gulf		17.18.1a		
Submissions on Draft EIS commitments	Responses to commitment comments	Energy	32.2.3a		

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139	Craig Cross	Northern Territory transport option	Accidental spill and emergency response		20.1a,b	
			Hazard and risk	Clarification of the Draft EIS risk assessment process	Description of process	31.1.1b,c
					Applying the risk assessment process in the EIS context	31.1.2b
140	Greg Curnow	Project alternatives	Water supply	Desalination plant location	4.3.1a	
		Marine environment	Introduced pests	Mitigation measures	17.17.5b	
		Environmental management framework	Upper Spencer Gulf facilities	Development of contingencies and accountability for impacts	29.1.10a,c	
Regulation and responsibilities	29.1.11a					
141	Mary Cusack	Project alternatives	Processing	Processing of concentrate	4.2.2c	
			Water supply	Desalination plant location	4.3.1a	
		Legislative framework	Roxby Downs Indenture		6.4a	
		Groundwater	Tailings storage facility	Seepage	12.3.2a	
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a	
		Terrestrial ecology	Vegetation clearance/Significant environmental benefit		16.6a	
		Aboriginal cultural heritage	Legislative requirements		18.4a	
		Social environment	Crime and anti-social behaviour	Assessment and management of crime and anti-social behaviour	21.5.1a	
			Social services and facilities	Health status	21.7.2a	
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a	
		Radiation	General	Radiation controls in China	26.1.5a	
		Product stewardship and the nuclear fuel cycle	Strategic and policy	Effectiveness of the IAEA	27.1.4a	
			NPT and disarmament	Failure of states party to the NPT to meet their treaty obligations	27.2.2a	
Nuclear industry	Operation of nuclear power plants		27.7.1b			

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			The role of BHP Billiton	BHP Billiton obligations	27.9.2c
142	Marie Cutting	Introduction	BHP Billiton's environmental record		1.7a
		Project alternatives	Water supply	Desalination plant location	4.3.1a
		Marine environment	Potential ecological effects of return water discharge	Sensitivity of the Spencer Gulf ecosystem to salinity effects	17.8.1e
143	Stephen Cutting	Marine environment	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
			Stratification and deoxygenation	Oxygen content of the return water	17.12.1a
			Entrainment	Potential ecological effects of oxygen depletion	17.12.5a
		Environmental management framework	Upper Spencer Gulf facilities	Concerns regarding impact assessment and mitigation	17.13.5e
				Review of assessment criteria, model predictions and monitoring programs	29.1.6a
				Development of contingencies and accountability for impacts	29.1.10a
		Submissions on Draft EIS commitments	Responses to commitment comments	Desalination plant	32.2.2b
144	Clara Davies	Legislative framework	Roxby Downs Indenture		6.4a
		Marine environment	Ecotoxicology	Comparison with independent findings	17.4.8a
			Cuttlefish	Potential effects of the salinity increases on cuttlefish	17.10.6b
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Assurance that Australian uranium is not diverted to weapons	27.3.1a
			Safeguards	Effectiveness of safeguards	27.4.2a
		Rehabilitation and closure	Adequacy of assessment	Radiation post-closure	28.1.3a
Cumulative effects	Assessment of cumulative effects		30.1d		
145	Angela Day	Project alternatives	Transport	Road and rail transport	4.5.2c

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		Northern Territory transport option	Rail transport		20.3a
146	John Denlay	Project alternatives	Processing	Processing of concentrate	4.2.2c
		Groundwater	Tailings storage facility	Seepage	12.3.2c
			Management and monitoring	Third party groundwater users	12.5.7a
				Great Artesian Basin	12.5.8a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
147	Andrew Derrick	Project alternatives	Processing	Processing of concentrate	4.2.2b
			Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
			Energy supply and use		4.4a
		Legislative framework	Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
Economic costs and benefits	Cost-benefit analysis		24.3.1a		
148	Greg Desmond	Project alternatives	Water supply	Desalination plant location	4.3.1a
149	Margaret Dingle	Project alternatives		Desalination plant location	4.3.1a
				Point Lowly desalination plant	4.3.2e
			Energy supply and use		4.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
150	Ditmore	Introduction	Issue outside the scope of the SEIS		1.3
151	Sabine Dittmann	Project alternatives	Processing	Minerals processing	4.2.3b
			Water supply	Desalination plant location	4.3.1a

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		Marine environment	Potential ecological effects of return water discharge	Ecological effects of specific chemicals	17.8.4b
152	Geoffrey Dodd	Legislative framework	Roxby Downs Indenture		6.4a
153	Yvonne Dorward	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Health and safety	Public health and safety	Upper Spencer Gulf marine safety review	25.1.2a
154	T Drisel	Project alternatives	Water supply	Alternative supply sources	4.3.3c
155	(with Hayley Perkins)	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Marine environment	Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1f
			Plume dispersion at Point Lowly	Currents and circulation at Point Lowly	17.7.1c
				Upwelling effects	17.7.7a
			Cuttlefish	Potential for return water discharge to impinge on cuttlefish breeding habitat	17.10.5b
		Contingency measures	17.10.9a		
156	Ken Dyer	Project alternatives	Energy supply and use		4.4a
157	Lee Dyson	Project alternatives	Energy supply and use		4.4a
158	Richard Elliot	Project alternatives	Transport	Landing facility and access corridor	4.5.1b,c
		Description of proposed expansion		Access corridor	5.7.3a
		Stakeholder consultation and engagement	Compensation		7.7a
		Marine environment	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
		Social environment	Tourism management	Tourism in Upper Spencer Gulf	21.4.2a
159	Renee Engl	Project alternatives	Processing	Processing of concentrate	4.2.2b
			Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
		Greenhouse gas	Energy supply and use	4.4a	
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a

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		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
		Product stewardship and the nuclear fuel cycle	Safeguards	Accounting for uranium in China	27.4.1a
			Nuclear Materials Accountancy and Control (NMAC)	Accounting for uranium in copper concentrate	27.5.1a
			The role of BHP Billiton	BHP Billiton obligations	27.9.2c
160	Luke Eygenraam	Marine environment	Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1a,f,h
			Plume dispersion at Point Lowly	Currents and circulation at Point Lowly	17.7.1c
			Stratification and deoxygenation	Potential ecological effects of oxygen depletion	17.12.5a
161	William Alford Fisher	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Legislative framework	Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
		Radiation	General	Radiation controls in China	26.1.5a
162	Claudia Flaxman	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Terrestrial ecology	Tailings retention system and wildlife		16.5a
163	Judy Forsyth	Description of proposed expansion	Tailings storage facility		5.3a
		Radiation	Public radiation exposure	Member of the public exposure levels	26.5.1a
164	Scott Foyster	Northern Territory transport option	Accidental spill and emergency response		20.1a,b
165	Daphne Freeman	Project alternatives	Transport	Landing facility and access corridor	4.5.1b
		Marine environment	Return water characteristics	Composition of the return water discharge	17.3.1c
			Model validation and reliability	Specific model validation issues	17.5.4c
			Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1e
			Desalination analogies	17.6.4a	

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			Plume dispersion at Point Lowly	Currents and circulation at Point Lowly	17.7.1a	
			Potential ecological effects of return water discharge	Ecological effects of specific chemicals	17.8.4a	
166	P Freeman	Health and safety	Public health and safety	Safety aspects in Roxby Downs (including water quality)	25.1.4	
167	Jill Furmage	Product stewardship and the nuclear fuel cycle	Nuclear waste	Nuclear waste disposal	27.6.1b	
168	Bree Galbraith	Stakeholder consultation and engagement	Roxby Downs Draft Master Plan future consultation		7.5a	
		Terrestrial ecology	Emissions and flora/fauna interactions		16.2b	
			Tailings retention system and wildlife		16.5a,b,c	
		Social environment	Local business opportunities		21.3b	
			Crime and anti-social behaviour		Assessment and management of crime and anti-social behaviour	21.5.1a
					Hiltaba Village	21.5.3a
			Social services and facilities		Existing services	21.7.1a
					Social service requirements in Roxby Downs	21.7.3a
Community governance		Roxby Downs	21.9.1a,b			
169	Danny Garde	Project alternatives	Water supply	Desalination plant location	4.3.1a	
170	Clinton Garrett	Project alternatives	Water supply	Desalination plant location	4.3.1a	
		Marine environment	Climate change	Effect on salt accumulation in Upper Spencer Gulf	17.18.1a	
171	Marg Garrett	Project alternatives	Water supply	Desalination plant location	4.3.1a	
		Marine environment	Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1e	
			Plume dispersion at Point Lowly	Effect of dodge tides	17.7.2a	
				Mixing zone targets	17.7.3a	
				Upwelling effects	17.7.7a	
Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a				

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			Stratification and deoxygenation	Oxygen requirements of marine organisms	17.12.4a	
					Potential ecological effects of oxygen depletion	17.12.5a
			Entrainment	Potential ecological effects	17.13.2a	
				Potential effects on fisheries	17.13.3a	
			Climate change	Effect on salt accumulation in Upper Spencer Gulf	17.18.1a	
172	Clinton Garrett	Project alternatives	Water supply	Desalination plant location	4.3.1a	
		Legislative framework	South Australian and local government compliance	Marine park	6.3.3a	
		Marine environment	Salt balance in Spencer Gulf	Potential salinity increase	17.6.2a	
			Entrainment	Characterisation of entrained organisms	17.13.1a	
			Climate change	Effect on salt accumulation in Upper Spencer Gulf	17.18.1a	
173	Tom Gerschwitz	Project alternatives	Water supply	Desalination plant location	4.3.1a	
			Transport	Landing facility and access corridor	4.5.1b,c	
		Stakeholder consultation and engagement	Public exhibition period		7.2a	
		Groundwater	Rock storage facility	Geochemical modelling	12.4.1a	
			Management and monitoring	Impact assessment and management	12.5.1a	
		Air quality	Criteria and impact assessment	Particulates	14.1.1a	
		Health and safety	Public health and safety	Upper Spencer Gulf marine safety review	25.1.2a	
		Radiation	Radiation sources	Wider radiological aspects of the open pit	26.2.1d	
		Rehabilitation and closure	Individual components	Remediation of saline soil	28.2.2a	
174	Sue Gilbey	Radiation	Radiation sources	Radiological aspects of the tailings storage facility	26.2.3b	
175	Marion Giles	Legislative framework	EIS process	EIS scope	6.1.1a	
176	Geraldine Gillen	Project alternatives	Water supply	Desalination plant location	4.3.1a	
		Air quality	Criteria and impact assessment	Particulates	14.1.1a	
		Marine environment	Return water characteristics	Heavy metals	17.3.2a	
			Ecotoxicology	Composition of effluent/diluent/test solutions	17.4.1e	
		Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a		

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		Social environment	Access and disturbance	Effects on landholders and visitors around Point Lowly	21.11.2b
177	Inika Gillis	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Energy supply and use		4.4a
		Description of proposed expansion	Tailings storage facility		5.3a
		Legislative framework	EIS process	EIS scope	6.1.1a
			Roxby Downs Indenture		6.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Sources of nuclear material for weapons	27.3.5a
			Safeguards	Accounting for uranium in China	27.4.1a
Nuclear waste	Nuclear waste disposal		27.6.1a		
178	Donna Goodall	Legislative framework	Roxby Downs Indenture		6.4a
179	Ralf Grandison	Project alternatives	Water supply	Point Lowly desalination plant	4.3.2d
180	Sophie Green	Project alternatives	Processing	Processing of concentrate	4.2.2c
			Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
			Energy supply and use		4.4a
		Legislative framework	Roxby Downs Indenture		6.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Social environment	Crime and anti-social behaviour	Assessment and management of crime and anti-social behaviour	21.5.1a
			Social services and facilities	Social service requirements in Roxby Downs	21.7.3a
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Assurance that Australian uranium is not diverted to weapons	27.3.1a
				Inferred connection between nuclear power and nuclear weapons in China	27.3.3a
Nuclear waste	Nuclear waste disposal		27.6.1a,c		

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181	Mark Green	Project alternatives	Water supply	Desalination plant location	4.3.1a	
			Marine environment	Return water characteristics	Composition of the return water discharge	17.3.1a
				Potential ecological effects of return water discharge	Ecological effects of specific chemicals	17.8.4a
				Fisheries and aquaculture	Potential impacts on wild fisheries	17.11.1c
				Stratification and deoxygenation	Potential for stratification	17.12.2b
Potential for oxygen depletion	17.12.3a					
182	Paul Grillo	Project alternatives	Processing	Tailings disposal	4.2.1a	
				Processing of concentrate	4.2.2c	
			Water supply	Point Lowly desalination plant	4.3.2d	
		Legislative framework	Roxby Downs Indenture	6.4a		
		Aboriginal cultural heritage	Consultation with Traditional Owners	18.1b		
		Rehabilitation and closure	Adequacy of assessment	Rehabilitation and closure objectives	28.1.4a	
183	E Groth	Project alternatives	Transport	Landing facility and access corridor	4.5.1a	
				Access corridor	5.7.3a	
		Marine environment	Potential ecological effects of return water discharge	Ecological effects of specific chemicals	17.8.4f	
				Marine pest risks	17.17.1a	
		Social environment	Amenity of Upper Spencer Gulf		21.10a	
			Access and disturbance	Effects on landholders and visitors around Port Augusta	21.11.1b,c	
184	Chris Gustard	Marine environment	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a	
			Stratification and deoxygenation	Oxygen content of the return water	17.12.1a	
				Potential ecological effects of oxygen depletion	17.12.5a	
185	Anthony Hack	Project alternatives	Water supply	Desalination plant location	4.3.1a	
				Great Artesian Basin	4.3.4a	
			Energy supply and use		4.4a	

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		Description of proposed expansion	Tailings storage facility		5.3a
		Legislative framework	EIS process	EIS scope	6.1.1a
			Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Terrestrial ecology	Tailings retention system and wildlife		16.5a,b
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Sources of nuclear material for weapons	27.3.5a
			Safeguards	Accounting for uranium in China	27.4.1a
Nuclear waste	Nuclear waste disposal		27.6.1a,c		
186	Heather Haines	Product stewardship and the nuclear fuel cycle	Nuclear weapons	Assurance that Australian uranium is not diverted to weapons	27.3.1a
187	Michelle Hales	Social environment	Housing and accommodation		21.6b
188	Leonie Hall	Marine environment	Entrainment	Characterisation of entrained organisms	17.13.1a
				Potential ecological effects	17.13.2a
				Potential effects on fisheries	17.13.3a
189	Lisa Hall	Project alternatives	Transport	Road and rail transport	4.5.2c
		Groundwater	Numerical groundwater model	Groundwater drawdown	12.2.3a
		Aboriginal cultural heritage	Consultation with Traditional Owners		18.1b
		Northern Territory transport option	Rail transport		20.3a
		Product stewardship and the nuclear fuel cycle	Nuclear waste	Nuclear waste disposal	27.6.1a
	Disposal practices		27.6.2a		
190	Leonie Hall (second submission)	Marine environment	Entrainment	Characterisation of entrained organisms	17.13.1a
				Potential ecological effects	17.13.2a,b

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				Concerns regarding impact assessment and mitigation	17.13.5e
				Additional studies	17.13.6a
191	Glenn Halyburton	Marine environment	Stratification and deoxygenation	Potential ecological effects of oxygen depletion	17.12.5a
192	Ron Hardman	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Marine environment	Model validation and reliability	Data requirements	17.5.3e
			Plume dispersion at Point Lowly	Mixing zone targets	17.7.3a,b
				Upwelling effects	17.7.7a
			Cuttlefish	Potential for return water discharge to impinge on cuttlefish breeding habitat	17.10.5b
				Potential behavioural effects on cuttlefish	17.10.8a
			Stratification and deoxygenation	Potential for stratification	17.12.2a
		Potential for oxygen depletion	17.12.3b		
193	C Havercroft	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Marine environment	Potential ecological effects of return water discharge	Ecological effects of specific chemicals	17.8.4a
			Cuttlefish	Potential for return water discharge to impinge on cuttlefish breeding habitat	17.10.5b
			Entrainment	Potential ecological effects	17.13.2c
		Visual amenity	Desalination plant		23.1a
194	Jane Hayward	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Stakeholder consultation and engagement	Ongoing public accountability		7.6a
		Marine environment	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3d,e
			Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
			Stratification and deoxygenation	Potential ecological effects of oxygen depletion	17.12.5a
		Environmental management framework	Upper Spencer Gulf facilities	Desalination plant and associated infrastructure	29.1.4a
	Development of contingencies and accountability for impacts		29.1.10a,c		

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195	Haywood	Introduction	Issues outside the scope of the SEIS		1.3
196	Kristy Henderson	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
			Energy supply and use	4.4a	
		Legislative framework	Roxby Downs Indenture	6.4a	
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle	13.2a	
		Aboriginal cultural heritage	Consultation with Traditional Owners	18.1c	
			Legislative requirements	18.4a	
Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a		
197	Jonathan Henwood	Legislative framework	Roxby Downs Indenture	6.4a	
		Aboriginal cultural heritage	Consultation with Traditional Owners	18.1b	
198	Christina Hewett	Product stewardship and the nuclear fuel cycle	The role of BHP Billiton	BHP Billiton obligations	27.9.2c
199	Kellie Higginbottom	Project alternatives	Water supply	Desalination plant location	4.3.1a
				The Point Lowly desalination plant	4.3.2e
				Alternative supply sources	4.3.3b,f
		Marine environment	Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1f
Cuttlefish	Susceptibility of the cuttlefish population to rapid decline		17.10.4a		
200	Miroslav Hodza	Product stewardship and the nuclear fuel cycle	Nuclear weapons	Inferred connection between nuclear power and nuclear weapons in China	27.3.3a
201	Sinead Hollingworth-Hughes	Project alternatives	Water supply	Desalination plant location	4.3.1a
202	Ciaran Hollingworth-Hughes	Project alternatives	Water supply	Desalination plant location	4.3.1a
203	Liam Hollingworth-Hughes	Project alternatives	Water supply	Desalination plant location	4.3.1a

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204	Lyn Hovey	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Legislative framework	Roxby Downs Indenture		6.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Terrestrial ecology	Tailings retention system and wildlife		16.5a,b
		Product stewardship and the nuclear fuel cycle	Strategic and policy	Effectiveness of the IAEA	27.1.4a
			NPT and disarmament	The effectiveness of NPT	27.2.1a
The role of BHP Billiton	BHP Billiton obligations		27.9.2c		
205	Phoebe Howe	Project alternatives	Processing	Processing of concentrate	4.2.2c
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Aboriginal cultural heritage	Consultation with Traditional Owners		18.1b
		Social environment	Crime and anti-social behaviour	Assessment and management of crime and anti-social behaviour	21.5.1a
		Economic assessment	Government revenue and expenditure	Government expenditure	24.2.3a
		Product stewardship and the nuclear fuel cycle	NPT and disarmament	The effectiveness of NPT	27.2.1a
			Nuclear industry	Life cycle of uranium	27.7.2a
			The role of BHP Billiton	BHP Billiton and the nuclear fuel cycle	27.9.1a
BHP Billiton obligations	27.9.2b				
206	Madeline Hudson	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Description of proposed expansion	Tailings storage facility		5.3a
		Legislative framework	EIS process	EIS scope	6.1.1a
			Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Terrestrial ecology	Tailings retention system and wildlife		16.5b
		Radiation	Radiation sources	Radiological aspects of the tailings storage facility	26.2.3c

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			Radiation risks	Radiation risk factors	26.3.1d
			Nuclear industry health studies	26.3.2c	
			Radioactive contamination	26.3.3a	
		Product stewardship and the nuclear fuel cycle	Strategic and policy	Effectiveness of the IAEA	27.1.4a
			Nuclear weapons	Sources of nuclear material for weapons	27.3.5a
			Nuclear waste	Nuclear waste disposal	27.6.1b,c
			The role of BHP Billiton	BHP Billiton obligations	27.9.2c
207	Eddie Hughes	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Cumulative effects	Assessment of cumulative effects		30.1b
208	Paul Hunt	Introduction	Issues raised on how the Draft EIS was prepared	Assessment process	1.6.1b
		Description of proposed expansion	Tailings storage facility		5.3a
		Legislative framework	Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Marine environment	Potential ecological effects of return water discharge	Precautionary principle and uncertainty	17.8.5a
209	P Hunt (second submission)	Project alternatives	Water supply	Alternative supply sources	4.3.3b
		Marine environment	Ecotoxicology	Composition of effluent/diluent/test solutions	17.4.1a,c
				Further toxicity testing	17.4.9a
210	Jacqui Hunter	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Legislative framework	South Australian and local government compliance	Marine park	6.3.3a
		Marine environment	Plume dispersion at Point Lowly	Mixing zone targets	17.7.3a
			Cuttlefish	Population and species status	17.10.3c
211	Peter Huxtable	Introduction	Issues raised on how the Draft EIS was prepared	Assessment process	1.6.1a
		Project alternatives	Water supply	Desalination plant location	4.3.1a
			Transport	Landing facility and access corridor	4.5.1b

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		Description of proposed expansion		Landing facility	5.7.2a	
				Access corridor	5.7.3a	
				Pre-assembly yard	5.7.4a	
		Legislative framework	South Australian and local government compliance	Marine park	6.3.3a	
				Roxby Downs Indenture	6.4a	
		Stakeholder consultation and engagement	Stakeholder consultation process		7.1a	
				Compensation		7.7a
		Land use	Land tenure		9.2b	
		Noise and vibration	Landing facility		15.3a	
		Marine environment	Return water characteristics	Composition of the return water discharge	17.3.1c	
					Heavy metals	17.3.2b
			Model validation and reliability	Confidence in model	17.5.2c	
			Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1d	
			Plume dispersion at Point Lowly	Effect of dodge tides	17.7.2a	
			Potential ecological effects of return water discharge	Ecological effects of specific chemicals	17.8.4a,e	
			Entrainment	Characterisation of entrained organisms	17.13.1a	
			Marine construction	Ecological effects of pipeline installation	17.14.1a	
					Effects on seagrass	17.14.2c
			Landing facility	General effects on the Marine environment	17.16.1a	
					Effects of propeller wash on biota	17.16.3a
					Effects of the rock pad	17.16.7b,c
			Introduced pests	Marine pest risks	17.17.1a	
					Vectors of concern	17.17.2b
				Mitigation measures	17.17.5b	
		Social environment	Labour supply	Effects on local and regional employment	21.2.2d	
			Tourism management	Tourism in Upper Spencer Gulf	21.4.2a	

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			Amenity of Upper Spencer Gulf		21.10a	
			Access and disturbance	Effects on landholders and visitors around Port Augusta	21.11.1b,c	
			Traffic	Road and rail effects in and around Port Augusta		22.3b,d
			Visual amenity	Landing facility and access corridor		23.2a
			Health and safety	Public health and safety	Upper Spencer Gulf marine safety review	25.1.2a
			Product stewardship and the nuclear fuel cycle	Nuclear weapons	Assurance that Australian uranium is not diverted to weapons	27.3.1a
			Rehabilitation and closure	Individual components	Rehabilitation and closure strategy for the landing facility	28.2.1a
			Environmental management framework	Upper Spencer Gulf facilities	Landing facility and associated infrastructure	29.1.1a
					Safety, security and biosecurity	29.1.3a
					Desalination plant and associated infrastructure	29.1.4a
					Review of assessment criteria, model predictions and monitoring programs	29.1.6a
			Cumulative effects	Assessment of cumulative effects		30.1b,c
			Hazard and risk	Clarification of the Draft EIS risk assessment process	Applying the risk assessment process in the EIS context	31.1.2b
212	Aaron Huxtable	Project alternatives	Transport	Landing facility and access corridor	4.5.1b	
		Description of proposed expansion	Water supply	Desalination plant	5.5.1d	
			Transport	Access corridor	5.7.3a	
		Legislative framework	South Australian and local government compliance	Marine park	6.3.3a	
		Stakeholder consultation and engagement	Stakeholder consultation process		7.1a	
			Compensation		7.7a	
		Land use	Land tenure		9.2b	
		Noise and vibration	Landing facility		15.3a	
Marine environment		General effects on the marine environment	17.16.1b			
	Introduced pests	Vectors of concern	17.17.2a			

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		Social environment	Tourism management	Tourism in Upper Spencer Gulf	21.4.2a
			Access and disturbance	Effects on landholders and visitors around Port Augusta	21.11.1c
		Traffic	Road and rail effects in and around Port Augusta		22.3b
213	Andy & Elana Ireland	Project alternatives	Transport	Landing facility and access corridor	4.5.1b
		Description of proposed expansion	Water supply	Saline wellfield	5.5.2a
			Transport	Landing facility	5.7.2b
		Legislative framework	South Australian and local government compliance	Marine park	6.3.3a
		Stakeholder consultation and engagement	Stakeholder consultation process		7.1a
		Land use	Land tenure		9.2b
		Noise and vibration	Landing facility		15.3a
		Marine environment		Effects of the rock pad	17.16.7b
Introduced pests	Vectors of concern		17.17.2a		
		Traffic	Road and rail effects in and around Port Augusta		22.3b
214	Tom Irvine	Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
215	Bindi Isis	Project alternatives	Transport	Road and rail transport	4.5.2c
		Northern Territory transport option	Rail transport		20.3a
216	Dawn Jecks	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Description of proposed expansion	Tailings storage facility		5.3a
		Legislative framework	Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Terrestrial ecology	Tailings retention system and wildlife		16.5b
		Marine environment	Potential ecological effects of return water discharge	Sensitivity of the Spencer Gulf ecosystem to salinity effects	17.8.1a
Cuttlefish	General concerns regarding effects on cuttlefish		17.10.1a		

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		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
		Product stewardship and the nuclear fuel cycle	Strategic and policy	Effectiveness of bilateral agreements	27.1.3a
				Effectiveness of the IAEA	27.1.4a
			NPT and disarmament	The effectiveness of NPT	27.2.1a
			Nuclear weapons	Suggested link between uranium supplied by Olympic Dam, the nuclear power industry and nuclear weapons	27.3.2a
			Safeguards	Effectiveness of safeguards	27.4.2a
			Nuclear waste	Nuclear waste disposal	27.6.1c
				Obligations on Australia	27.6.3a,b
			Nuclear industry	Life cycle of uranium	27.7.2a
The role of BHP Billiton	BHP Billiton obligations	27.9.2d			
217	Harry Johnson	Project alternatives	Processing	Tailings disposal	4.2.1a
				Processing of concentrate	4.2.2b
			Water supply	Great Artesian Basin	4.3.4a
		Energy supply and use		4.4a	
		Legislative framework	Roxby Downs Indenture		6.4a
		Marine environment	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
			Cuttlefish	Potential for return water discharge to impinge on cuttlefish breeding habitat	17.10.5b
		Northern Territory transport option	Accidental spill and emergency response		20.1e
Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a		
218	Yesha Joshi	Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Marine environment	Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
				Importance of the cuttlefish breeding aggregation at Point Lowly	17.10.2a
Economic assessment	Economic modelling	Local and state economies	24.1.3a		

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		Product stewardship and the nuclear fuel cycle	Strategic and policy	Effectiveness of bilateral agreements	27.1.3a
				Effectiveness of the IAEA	27.1.4a
			NPT and disarmament	The effectiveness of NPT	27.2.1a
			Nuclear weapons	Sources of nuclear material for weapons	27.3.5a
219	Robert Keil	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Description of proposed expansion		Desalination plant	5.5.1b,c
		Marine environment	Return water characteristics	Composition of the return water discharge	17.3.1c
			Model validation and reliability	Data requirements	17.5.3d
			Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1a,e
				Desalination analogies	17.6.4b
			Plume dispersion at Point Lowly	Currents and circulation at Point Lowly	17.7.1c
			Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3e
			Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
				Importance of the cuttlefish breeding aggregation at Point Lowly	17.10.2a
Entrainment	Characterisation of entrained organisms	17.13.1a			
Visual amenity	Desalination plant	23.1a			
220	Graeme Kelleher	Product stewardship and the nuclear fuel cycle	Nuclear weapons	Suggested link between uranium supplied by Olympic Dam, the nuclear power industry and nuclear weapons	27.3.2a
221	Alex Kelly	Project alternatives	Transport	Road and rail transport	4.5.2c
		Northern Territory transport option	Rail transport		20.3a
222	Tim Kelly	Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Environmental management framework	Environmental reporting, transparency and independent verification		29.9a
223	Kemp	Introduction	Outside the scope of the SEIS		1.3

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224	S Keyes	Project justification			3b
		Project alternatives	Processing	Processing of concentrate	4.2.2b
			Water supply	Great Artesian Basin	4.3.4a
			Energy supply and use		4.4a
		Description of proposed expansion	On-site waste management	Tyres	5.4.3a
			Energy supply	Diesel supply	5.6.3a
		Stakeholder consultation and engagement	Stakeholder consultation process		7.1a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Marine environment	Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
Submissions on Draft EIS commitments	Responses to commitment comments	Energy	32.2.3a,b,h		
		Local communities	32.2.6q		
225	Philip Kidner	Project alternatives	Processing	Processing of concentrate	4.2.2c
226	Garry Kinnear	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Land use	Land tenure		9.2b
		Marine environment	Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
Potential effects of chemicals, temperature and oxygen depletion on cuttlefish	17.10.7b				
227	John and Annette Kirby	Project alternatives	Water supply	Desalination plant location	4.3.1a
				The Point Lowly desalination plant	4.3.2a
		Description of proposed expansion		Desalination plant	5.5.1a
		Marine environment	Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1a
			Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
			Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
		Social environment	Access and disturbance	Effects on landholders and visitors around Point Lowly	21.11.2b
Cumulative effects	Assessment of cumulative effects		30.1b		

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228	Mark Vanessa Luke Emily Kirkham	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Transport	Landing facility and access corridor	4.5.1b
229	Di Koser	Product stewardship and the nuclear fuel cycle	Nuclear waste	Nuclear waste disposal	27.6.1a,b
230	Nicolas Koukourou	Project alternatives	Processing	Processing of concentrate	4.2.2c
			Water supply	Desalination plant location	4.3.1a
		Stakeholder consultation and engagement	Stakeholder consultation process		7.1a
			Public exhibition period		7.2a
231	Steve Kranz	Marine environment	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
			Landing facility	General effects on the marine environment	17.16.1d
			Remobilisation of metals	17.16.5a	
		Social environment	Tourism management	Tourism in Upper Spencer Gulf	21.4.2a
232	Jube Kunnel	Product stewardship and the nuclear fuel cycle	Nuclear waste	Nuclear waste disposal	27.6.1a
233	Al Lad	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Description of proposed expansion	Tailings storage facility		5.3a
		Groundwater		Seepage	12.3.2a
		Aboriginal cultural heritage	Consultation with Traditional Owners		18.1b
		Rehabilitation and closure	Adequacy of assessment	Long-term management controls	28.1.2a
234	Lambrechtsen	Introduction	Issues outside the scope of the SEIS		3.1
235	P Langley	Introduction	Issues outside the scope of the SEIS		3.1
236	Paul Langley (second submission)	Product stewardship and the nuclear fuel cycle	Nuclear weapons	Sources of nuclear material for weapons	27.3.5a
237	Paul Langley (third submission)	Radiation	Radiation risks	Radiation risk factors	26.3.1i

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		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Assurance that Australian uranium is not diverted to weapons	27.3.1a
				Suggested link between uranium supplied by Olympic Dam, the nuclear power industry and nuclear weapons	27.3.2a
238	David Lapans	Project alternatives	Processing	Processing of concentrate	4.2.2b
			Water supply	Desalination plant location	4.3.1a
			Hiltaba Village		4.6a
		Description of proposed expansion	Processing	Smelting	5.1.1a
			Water supply	Desalination plant	5.5.1e
		Air quality	Criteria and impact assessment	Particulates	14.1.1a
		Marine environment	Plume dispersion at Point Lowly	Diffuser optimisation	17.7.4a
Mid field modelling	17.7.6c				
239	Nat Leaf	Product stewardship and the nuclear fuel cycle	Nuclear weapons	Sources of nuclear material for weapons	27.3.5a
240	Laraine Lerc	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Stakeholder consultation and engagement	Public exhibition period		7.2a
		Aboriginal cultural heritage	Consultation with Traditional Owners		18.1a
			Surveys and investigations		18.3a,c
			Legislative requirements		18.4b
		Health and safety	Occupational health	Operational safety	25.2.1b,c
		Radiation	Occupational radiation exposure	Medical surveillance	26.4.3b
Operational controls	26.4.5a				
241	Joanne & John Lewis	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
			Energy supply and use		4.4a
		Legislative framework	Roxby Downs Indenture		6.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a

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		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
242	Bryan Lock	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Transport	Landing facility and access corridor	4.5.1b
243	Julia Lock	Project alternatives	Water supply	Desalination plant location	4.3.1a
				The Point Lowly desalination plant	4.3.2e
		Environmental management framework	Upper Spencer Gulf facilities	Specifics to be incorporated into monitoring programs for Upper Spencer Gulf	29.1.7a,b
244	Alan, Jenny, Antony & Natalie Luesby	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Radiation	Radiation risks	Radiation risk factors	26.3.1a
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Sources of nuclear material for weapons	27.3.5a
			Nuclear waste	Nuclear waste disposal	27.6.1b
245	Annabel MacDonald	Legislative framework	Roxby Downs Indenture		6.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Terrestrial ecology	Tailings retention system and wildlife		16.5a,b
		Aboriginal cultural heritage	Legislative requirements		18.4a
		Product stewardship and the nuclear fuel cycle	NPT and disarmament	The effectiveness of NPT	27.2.1a
246	John Mackinnon	Product stewardship and the nuclear fuel cycle	Nuclear weapons	Assurance that Australian uranium is not diverted to weapons	27.3.1a
247	Michele Madigan	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Legislative framework	Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Aboriginal cultural heritage	Olympic Dam Agreement		18.2a
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
		Product stewardship and the nuclear fuel cycle	Strategic and policy	Effectiveness of the IAEA	27.1.4a

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			NPT and disarmament	The effectiveness of NPT	27.2.1a
			Nuclear waste	Obligations on Australia	27.6.3a,b
		Rehabilitation and closure	Adequacy of assessment	Radiation post-closure	28.1.3a
248	Petrina Maizey	Project alternatives	Processing	Processing of concentrate	4.2.2b,c
			Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
			Energy supply and use		4.4a
		Legislative framework	Roxby Downs Indenture	6.4a	
		Stakeholder consultation and engagement	Ongoing public accountability	7.6a	
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle	13.2a	
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
249	Robert Major	Project alternatives	Processing	Minerals processing	4.2.3a
		Description of proposed expansion	Tailings storage facility		5.3a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
250	Leigh Marlow	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Marine environment	Ecotoxicology	Comparison with independent findings	17.4.8a
			Model validation and reliability	Confidence in model	17.5.2c
			Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
			Cuttlefish	Susceptibility of the cuttlefish population to rapid decline	17.10.4a
			Fisheries and aquaculture	Potential impacts on wild fisheries	17.11.1a
251	Janet Marsh	Legislative framework	Roxby Downs Indenture		6.4a
		Stakeholder consultation and engagement	Future stakeholder consultation and engagement		7.4a
252	Brian & Anita Marshall	Project alternatives	Water supply	Point Lowly desalination plant	4.3.2d

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		Marine environment	Cuttlefish	Potential for return water discharge to impinge on cuttlefish breeding habitat	17.10.5b
253	Vincent Maxwell	Project alternatives	Water supply	Desalination plant location	4.3.1a
254	Janet Mayer	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Legislative framework	Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Marine environment	Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
255	Chris McBride	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Description of proposed expansion	Tailings storage facility		5.3a
		Legislative framework	EIS process	EIS scope	6.1.1a
			Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Terrestrial ecology	Tailings retention system and wildlife		16.5b
		Marine environment	Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
		Health and safety	Public health and safety	Upper Spencer Gulf marine safety review	25.1.2a
Product stewardship and the nuclear fuel cycle	Nuclear weapons	Sources of nuclear material for weapons	27.3.5a		
	Nuclear waste	Nuclear waste disposal	27.6.1a		
		Obligations on Australia	27.6.3a		
256	Charlotte McCabe	Project alternatives	Transport	Road and rail transport	4.5.2c
		Description of proposed expansion	Tailings storage facility		5.3a

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		Northern Territory transport option	Rail transport		20.3a
257	Annie McGovern	Stakeholder consultation and engagement	Public exhibition period		7.2a
		Surface water	Accumulation of water in the open pit	Pit lake	11.4.2a
		Radiation	Radiation risks	Radiation risk factors	26.3.1a
258	Ella McKinley	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
			Energy supply and use		4.4a
		Legislative framework	Roxby Downs Indenture		6.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Marine environment	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
				Precautionary principle and uncertainty	17.8.5a
Aboriginal cultural heritage	Olympic Dam Agreement		18.2a		
259	Drusi Megget	Introduction	Issues raised on how the Draft EIS was prepared	Assessment process	1.6.1b
		Product stewardship and the nuclear fuel cycle	Nuclear waste	Nuclear waste disposal	27.6.1a
260	WR Mildren	Product stewardship and the nuclear fuel cycle	Nuclear waste	Nuclear waste disposal	27.6.1a
261	Samantha Millbank	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Transport	Landing facility and access corridor	4.5.1b
		Description of proposed expansion		Access corridor	5.7.3a
		Stakeholder consultation and engagement	Compensation		7.7a
		Marine environment	Landing facility	Effects of bow waves	17.16.2a
				Effects of sediment winnowing on turbidity	17.16.4a
		Social environment	Access and disturbance	Effects on landholders and visitors around Port Augusta	21.11.1b
Traffic	Road and rail effects in and around Port Augusta		22.3b		
262	Geraldine Moore	Product stewardship and the nuclear fuel cycle	Nuclear waste	Nuclear waste disposal	27.6.1b

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263	Brian & Dianne Morgan	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Transport	Landing facility and access corridor	4.5.1b
		Description of proposed expansion		Landing facility	5.7.2a
				Access corridor	5.7.3a
		Legislative framework	South Australian and local government compliance	Marine park	6.3.3a
		Stakeholder consultation and engagement	Stakeholder consultation process		7.1a
			Compensation		7.7a
		Land use	Land tenure		9.2b
		Noise and vibration	Landing facility		15.3a
		Marine environment	Potential ecological effects of return water discharge	Sensitivity of the Spencer Gulf ecosystem to salinity effects	17.8.1c
			Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
			Landing facility	General effects on the marine environment	17.16.1b
				Effects of sediment winnowing on turbidity	17.16.4a
			Introduced pests	Marine pest risks	17.17.1a
				Vectors of concern	17.17.2a
		Social environment	Labour supply	Effects on local and regional employment	21.2.2d
			Tourism management	Tourism in Upper Spencer Gulf	21.4.2a
			Amenity of Upper Spencer Gulf		21.10a
		Traffic	Road and rail effects in and around Port Augusta		22.3b
		Visual amenity	Landing facility and access corridor		23.2a
Health and safety	Public health and safety	Upper Spencer Gulf marine safety review	25.1.2a		
Environmental management framework	Upper Spencer Gulf facilities	Development of contingencies and accountability for impacts	29.1.10a		
Cumulative effects	Assessment of cumulative effects		30.1c		
264	Emily Moten	Project alternatives	Water supply	Point Lowly desalination plant	4.3.2d
265	Gavin Mudd	Project alternatives	Processing	Tailings disposal	4.2.1c
				Processing of concentrate	4.2.2c

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		Legislative framework	EIS process	EIS timeframe	6.1.2a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
			Management and monitoring	Seepage	12.5.2a
		Product stewardship and the nuclear fuel cycle	The role of BHP Billiton	BHP Billiton obligations	27.9.2e
		Rehabilitation and closure	Adequacy of assessment	Rehabilitation and closure objectives	28.1.4a
266	Peter Murphy	Project alternatives	Processing	Processing of concentrate	4.2.2c
			Energy supply and use		4.4a
		Description of proposed expansion	Tailings storage facility		5.3a
		Legislative framework	Roxby Downs Indenture		6.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Air quality	Criteria and impact assessment	Particulates	14.1.1a
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Assurance that Australian uranium is not diverted to weapons	27.3.1a
				Sources of nuclear material for weapons	27.3.5a
			Safeguards	Accounting for uranium in China	27.4.1a
Nuclear waste	Nuclear waste disposal		27.6.1a		
267	Matt Mushalik	Project alternatives	Transport	Road and rail transport	4.5.2b
		Description of proposed expansion	Energy supply	Diesel supply	5.6.3a
			Transport	Landing facility	5.7.2a
268	Mylius	Introduction	Issues outside the scope of the SEIS		1.3
269	Dominic Nicholls	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Energy supply and use		4.4a
		Social environment	Social services and facilities	Social service requirements in Roxby Downs	21.7.3b
		Economic assessment	Government revenue and expenditure	Government revenue	24.2.2a
		Rehabilitation and closure	Adequacy of assessment	Rehabilitation and closure objectives	28.1.4a
270	Eric Nicholson	Cumulative effects	Assessment of cumulative effects		30.1a

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271	Joan Nield	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Marine environment	Plume dispersion at Point Lowly	Mixing zone targets
		Diffuser optimisation			17.7.4a
		Cuttlefish		Susceptibility of the cuttlefish population to rapid decline	17.10.4a
				Potential effects of the salinity increases on cuttlefish	17.10.6a,b,c
				Potential effects of chemicals, temperature and oxygen depletion on cuttlefish	17.10.7a
				Potential behavioural effects on cuttlefish	17.10.8b
		Entrainment		Characterisation of entrained organisms	17.13.1a
				Potential ecological effects	17.13.2c
		Climate change	Effect on salt accumulation in Upper Spencer Gulf	17.18.1a	
272	Carmelo & Melanie Nistico	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Description of proposed expansion	Transport	Access corridor	5.7.3a
		Legislative framework	South Australian and local government compliance	Marine park	6.3.3a
		Stakeholder consultation and engagement	Compensation		7.7a
		Marine environment	Landing facility	Effects of sediment winnowing on turbidity	17.16.4a
				Effects on marine mammals	17.16.6a
			Introduced pests	Vectors of concern	17.17.2a
		Social environment	Labour supply	Effects on local and regional employment	21.2.2d
			Tourism management	Tourism in Upper Spencer Gulf	21.4.2a
			Amenity of Upper Spencer Gulf		21.10a
			Access and disturbance	Effects on landholders and visitors around Port Augusta	21.11.1c
		Traffic	Road and rail effects in and around Port Augusta		22.3b

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		Environmental management framework	Upper Spencer Gulf facilities	Desalination plant and associated infrastructure	29.1.4a
273	Peter Noble	Description of proposed expansion	Transport	Access corridor	5.7.3a
		Legislative framework	South Australian and local government compliance	Marine park	6.3.3a
		Noise and vibration	Landing facility		15.3a
		Marine environment	Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1e
			Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
		Social environment	Access and disturbance	Effects on landholders and visitors around Port Augusta	21.11.1c
		Traffic	Road and rail effects in and around Port Augusta		22.3b
Radiation	Environmental radiation	Environmental radiation levels	26.6.1a		
274	Jeanette Noble	Description of proposed expansion	Transport	Access corridor	5.7.3a
		Stakeholder consultation and engagement	Compensation		7.7a
		Noise and vibration	Landing facility		15.3a
		Marine environment	Salt balance in Spencer Gulf	Desalination analogies	17.6.4a
			Landing facility	Effects of the rock pad	17.16.7b
			Introduced pests	Vectors of concern	17.17.2a,b
		Social environment	Tourism management	Tourism in Upper Spencer Gulf	21.4.2a
			Amenity of Upper Spencer Gulf		21.10a
	Access and disturbance	Effects on landholders and visitors around Port Augusta	21.11.1b,c		
Traffic	Road and rail effects in and around Port Augusta		22.3b		
275	Libby Nuss	Project alternatives	Transport	Road and rail transport	4.5.2c
		Northern Territory transport option	Rail transport		20.3a
276	Brian O'Reilly	Stakeholder consultation and engagement	Compensation		7.7a
		Marine environment	Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1e
Introduced pests	Marine pest risks		17.17.1a		

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		Social environment	Access and disturbance	Effects on landholders and visitors around Port Augusta	21.11.1b,c
277	Ken Organ	Project alternatives	Water supply	Alternative supply sources	4.3.3f
		Marine environment	Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1e
			Plume dispersion at Point Lowly	Mixing zone targets	17.7.3a
278	John Owen	Description of proposed expansion	Tailings storage facility		5.3a
		Legislative framework	Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Product stewardship and the nuclear fuel cycle	Strategic and policy	Accounting for uranium	27.1.1a
279	Don Owers	Product stewardship and the nuclear fuel cycle	Nuclear weapons	Inferred connection between nuclear power and nuclear weapons in China	27.3.3a
280	Nicola Paris	Aboriginal cultural heritage	Consultation with Traditional Owners		18.1b
281	Richard Parker	Stakeholder consultation and engagement	Stakeholder consultation process		7.1a
		Aboriginal cultural heritage	Surveys and investigations		18.3b
		Cumulative effects	Assessment of cumulative effects		30.1b
282	John Paterson	Project alternatives	Processing	Tailings disposal	4.2.1d
		Radiation	Radiation sources	Radiological aspects of the tailings storage facility	26.2.3a
283	Anouk Pavey	Project alternatives	Water supply	Desalination plant location	4.3.1a
284	Richard Payton	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Alternative supply sources	4.3.3b
		Marine environment	Plume dispersion at Point Lowly	Near field modelling	17.7.5a
285	David Pearce	Project alternatives	Water supply	Desalination plant location	4.3.1a
				The Point Lowly desalination plant	4.3.2d
				Transport	Landing facility and access corridor
		Marine environment	Model validation and reliability	Confidence in model	17.5.2c
			Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1e

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			Plume dispersion at Point Lowly	Effect of dodge tides	17.7.2b
			Landing facility	Effects of propeller wash on biota	17.16.3a
				Effects of sediment winnowing on turbidity	17.16.4a
				Effects on marine mammals	17.16.6a
				Effects of the rock pad	17.16.7a
		Social environment	Access and disturbance	Effects on landholders and visitors around Port Augusta	21.11.1b
		Environmental management framework	Upper Spencer Gulf facilities	Development of contingencies and accountability for impacts	29.1.10a
286	Glenys Pearce	Environmental management framework	Upper Spencer Gulf facilities	Development of contingencies and accountability for impacts	29.1.10a
287	Susanna Pearson	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Description of proposed expansion	Tailings storage facility		5.3a
		Legislative framework	Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a,c
			Management and monitoring	Great Artesian Basin	12.5.8a
	Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a	
288	Hon. Liz Penfold	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Point Lowly desalination plant	4.3.2c,e,f
				Great Artesian Basin	4.3.4a
			Energy supply and use		4.4a
		Transport	Landing facility and access corridor	4.5.1b	
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Marine environment	Ecotoxicology	Choice of species	17.4.2a
			Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1e,g
Plume dispersion at Point Lowly	Currents and circulation at Point Lowly		17.7.1a		

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				Effect of dodge tides	17.7.2b		
				Potential ecological effects of return water discharge	Ecological effects of specific chemicals	17.8.4a	
					Precautionary principle and uncertainty	17.8.5a	
				Significant species and communities	Syngnathids	17.9.5a	
				Cuttlefish	Contingency measures	17.10.9a	
				Fisheries and aquaculture	Potential impacts on wild fisheries	17.11.1a	
				Stratification and deoxygenation	Potential for stratification	17.12.2a	
					Oxygen requirements of marine organisms	17.12.4a	
				Climate change	Effect on salt accumulation in Upper Spencer Gulf	17.18.1b	
				Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
				Hazard and risk	Clarification of the Draft EIS risk assessment process	Description of process	31.1.1c
Submissions on Draft EIS commitments	Responses to commitment comments	Energy	32.2.3d				
289	Joseph Philippa	Project alternatives	Water supply	Desalination plant location	4.3.1a		
				Great Artesian Basin	4.3.4a		
			Energy supply and use	4.4a			
		Legislative framework	Roxby Downs Indenture	6.4a			
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle	13.2a			
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a		
		Product stewardship and the nuclear fuel cycle	Safeguards	Effectiveness of safeguards	27.4.2a		
Nuclear waste	Nuclear waste disposal		27.6.1b				
290	Fredrick Pidun	Project alternatives	Water supply	Desalination plant location	4.3.1a		
				Point Lowly desalination plant	4.3.2a		
		Description of proposed expansion	Tailings storage facility	5.3a			
			Transport	Access corridor	5.7.3a		

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		Groundwater	Tailings storage facility	Seepage	12.3.2a,c
		Marine environment	Plume dispersion at Point Lowly	Upwelling effects	17.7.7a
			Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3e
			Cuttlefish	Susceptibility of the cuttlefish population to rapid decline	17.10.4a
		Product stewardship and the nuclear fuel cycle	The role of BHP Billiton	BHP Billiton obligations	27.9.2d
		Rehabilitation and closure	Adequacy of assessment	Long-term management controls	28.1.2a
		Submissions on Draft EIS commitments	Responses to commitment comments	Desalination plant	32.2.2b
291	EC Poole	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Transport	Landing facility and access corridor	4.5.1b
		Marine environment	Landing facility	Effects of propeller wash on biota	17.16.3a
			Introduced pests	Potential ecological risks	17.17.4c
		Product stewardship and the nuclear fuel cycle	Safeguards	Accounting for uranium in China	27.4.1a
292	John H Pope	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
293	Shirralee Power	Product stewardship and the nuclear fuel cycle	Nuclear waste	Nuclear waste disposal	27.6.1b
			Nuclear industry	Operation of nuclear power plants	27.7.1a
294	Perce Prenzel	Project alternatives	Water supply	Desalination plant location	4.3.1a
295	Andrew Priede	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Terrestrial ecology	Tailings retention system and wildlife		16.5b,c
296	Carey Priest	Legislative framework	Roxby Downs Indenture		6.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Product stewardship and the nuclear fuel cycle	The role of BHP Billiton	BHP Billiton obligations	27.9.2d
297	Richard Quilty	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
298	Darren Quinn	Project alternatives	Water supply	Alternative supply sources	4.3.3d
299	Eva Rainow	Project alternatives	Processing	Processing of concentrate	4.2.2c

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			Water supply	Desalination plant location	4.3.1a	
				Great Artesian Basin	4.3.4a	
			Legislative framework	Energy supply and use	4.4a	
				Roxby Downs Indenture	6.4a	
			Greenhouse gas	Renewable energy targets and the nuclear fuel cycle	13.2a	
			Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
			Health and safety	Public health and safety	Upper Spencer Gulf marine safety review	25.1.2a
			Product stewardship and the nuclear fuel cycle	Strategic and policy	Accounting for uranium	27.1.1a
300	Neil Rankine	Product stewardship and the nuclear fuel cycle	NPT and disarmament	Failure of states party to the NPT to meet their treaty obligations	27.2.2a	
			Nuclear waste	Nuclear waste disposal	27.6.1a	
301	John Read	Project alternatives	Processing	Tailings disposal	4.2.1d	
			Terrestrial ecology	Tailings retention system and wildlife	16.5a,b,c	
		Radiation	Vegetation clearance/Significant environmental benefit	16.6a		
			Public radiation exposure	Member of the public exposure levels	26.5.1b	
		Environmental radiation	Environmental radiation levels	26.6.1c		
		Cumulative effects	Assessment of cumulative effects	30.1b		
		Hazard and risk	Clarification of the Draft EIS risk assessment process	Description of process	31.1.1b,c	
				Applying the risk assessment process in the EIS context	31.1.2c	
Submissions on Draft EIS commitments	Responses to commitment comments	Arid Recovery	32.2.1a			
302	Felicity Redman	Project alternatives	Mining		4.1a	
			Water supply	Desalination plant location	4.3.1a	
				Alternative supply sources	4.3.3b	

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		Description of proposed expansion	Energy supply	Desalination plant	5.6.2a
			Transport	Landing facility	5.7.2c
		Noise and vibration	Desalination plant		15.2a
		Terrestrial ecology	Arid recovery		16.1b
			Tailings retention system and wildlife		16.5b,c
		Marine environment	Ecotoxicology	Choice of species	17.4.2b
			Significant species and communities	Dolphins	17.9.4a
				Syngnathids	17.9.5a
			Cuttlefish	Contingency measures	17.10.9a
			Fisheries and aquaculture	Potential impacts on wild fisheries	17.11.1a
				Potential impacts on aquaculture	17.11.2a
			Entrainment	Characterisation of entrained organisms	17.13.1a
				Concerns regarding impact assessment and mitigation	17.13.5c
		Aboriginal cultural heritage	Olympic Dam Agreement		18.2a
		Northern Territory transport option	Accidental spill and emergency response		20.1d
		Social environment	Labour supply	Labour requirements and skills development	21.2.1c
			Crime and anti-social behaviour	Crime and safety in Roxby Downs and environs	21.5.2b
			Access and disturbance	Effects on landholders and visitors around Point Lowly	21.11.2b
		Radiation	Occupational radiation exposure	Exposure to other work groups	26.4.4b
		Product stewardship and the nuclear fuel cycle	Strategic and policy	Accounting for uranium	27.1.1a
NPT and disarmament	Failure of states party to the NPT to meet their treaty obligations		27.2.2a		
Nuclear security	Security of nuclear material		27.8.1b		
303	Bob Rich	Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Aboriginal cultural heritage	Consultation with Traditional Owners		18.1e

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		Product stewardship and the nuclear fuel cycle	Nuclear security	Security of nuclear material	27.8.1b
304	Georgia Roberts	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Marine environment	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
		Radiation	Radiation sources	Radiological aspects of the tailings storage facility	26.2.3b
305	Clive Rosewarne	Project alternatives	Transport	Road and rail transport	4.5.2c
		Northern Territory transport option	Accidental spill and emergency response		20.1a,b
			Rail transport		20.3a
306	Amanda Rowe	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
			Energy supply and use		4.4a
		Legislative framework	EIS process	EIS scope	6.1.1a
				EIS assessment and approval process	6.1.3a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Assessment and mitigation		13.1a
			Renewable energy targets and the nuclear fuel cycle		13.2a
		Terrestrial ecology	Tailings retention system and wildlife		16.5a,b,c
			Vegetation clearance/Significant environmental benefit		16.6f
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Sources of nuclear material for weapons	27.3.5b
Nuclear security	Security of nuclear material		27.8.1b		
307	Arnold Rowlands	Product stewardship and the nuclear fuel cycle	Nuclear industry	Life cycle of uranium	27.7.2a
308	Trevor Rowlands	Project alternatives	Water supply	Desalination plant location	4.3.1a
309	Angela Rozali	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Legislative framework	Roxby Downs Indenture		6.4a

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		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Health and safety	Public health and safety	Transport safety	25.1.1a
310	Hazel Rozee	Project alternatives	Transport	Landing facility and access corridor	4.5.1a
		Description of proposed expansion		Landing facility	5.7.2a
				Access corridor	5.7.3a
		Noise and vibration	Landing facility		15.3a
		Marine environment	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
			Landing facility	General effects on the marine environment	17.16.1e
		Aboriginal cultural heritage	Legislative requirements		18.4c
		Social environment	Amenity of Upper Spencer Gulf		21.10a
			Access and disturbance	Effects on landholders and visitors around Port Augusta	21.11.1c
Traffic	Road and rail effects in and around Port Augusta		22.3b		
311	Bridget Saint	Legislative framework	South Australian and local government compliance	SA Strategic Plan	6.3.1a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Product stewardship and the nuclear fuel cycle	The role of BHP Billiton	BHP Billiton obligations	27.9.2c
312	Eddie Satchell	Project alternatives	Water supply	Point Lowly desalination plant	4.3.2d
			Energy supply and use		4.4a
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Assurance that Australian uranium is not diverted to weapons	27.3.1a
313	Gabrielle Scarman	Project alternatives	Processing	Processing of concentrate	4.2.2c
			Water supply	Great Artesian Basin	4.3.4a
		Legislative framework	Roxby Downs Indenture		6.4a
		Terrestrial ecology	Tailings retention system and wildlife		16.5a,b

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			Vegetation clearance/Significant environmental benefit		16.6a
		Aboriginal cultural heritage	Legislative requirements		18.4a
314	Thora Scarman	Marine environment	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
315	Rachel Scarman	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
		Legislative framework	Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Terrestrial ecology	Tailings retention system and wildlife		16.5a,b,c
		Social environment	Crime and anti-social behaviour	Assessment and management of crime and anti-social behaviour	21.5.1a
		Product stewardship and the nuclear fuel cycle	Nuclear waste	Nuclear waste disposal	27.6.1b
The role of BHP Billiton	BHP Billiton obligations			27.9.2d	
316	Axel Schaar	Product stewardship and the nuclear fuel cycle	Nuclear waste	Nuclear waste disposal	27.6.1b
317	Derek Schild	Project alternatives	Processing	Processing of concentrate	4.2.2a
			Water supply	Desalination plant location	4.3.1a
			Transport	Road and rail transport	4.5.2d
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Northern Territory transport option	Accidental spill and emergency response		20.1a,b
			Rail transport		20.3b,d
318	Hans-Peter Schnellboegl	Introduction	Issues raised on how the Draft EIS was prepared	Assessment process	1.6.1b
				Ability to access information	1.6.2a
		Project alternatives	Processing	Tailings disposal	4.2.1d
		Legislative framework	Roxby Downs Indenture		6.4a
Land use	Land use		9.1a		

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		Health and safety	Public health and safety	Community health impacts	25.1.3e
				Safety aspects in Roxby Downs (including water quality)	25.1.4c
		Radiation	General	Verification of Draft EIS Radiation information	26.1.3a,b,f,g
				Basis of radiological protection	26.1.4b,c,d,e,f,g
			Radiation sources	Radiological aspects of the rock storage facility	26.2.2a
				Radiological aspects of the tailings storage facility	26.2.3b
			Radiation risks	Radiation risk factors	26.3.1a,e,g,h
			Occupational radiation exposure	Exposure to other work groups	26.4.4b
			Public radiation exposure	Member of the public exposure levels	26.5.1a
				Post-closure radiation exposure	26.5.2a
		Product stewardship and the nuclear fuel cycle	NPT and disarmament	The effectiveness of NPT	27.2.1a
			Nuclear weapons	Sources of nuclear material for weapons	27.3.5a
		Cumulative effects	Assessment of cumulative effects		30.1a
		Hazard and risk	Clarification of the Draft EIS risk assessment process	Applying the risk assessment process in the EIS context	31.1.2a
			New risk assessments		31.2d,f,g
		319	Beverley Schultz	Project alternatives	Water supply
Marine environment	Ecotoxicology			Comparison with independent findings	17.4.8a
	Salt balance in Spencer Gulf			Natural exchange rate of water in Spencer Gulf	17.6.1d
	Plume dispersion at Point Lowly			Effect of dodge tides	17.7.2a
	Potential ecological effects of return water discharge			Extent of potential effects on marine communities	17.8.3a
	Cuttlefish			General concerns regarding effects on cuttlefish	17.10.1a
Susceptibility of the cuttlefish population to rapid decline				17.10.4a	

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				Potential effects of the salinity increases on cuttlefish	17.10.6b
				Contingency measures	17.10.9a
320	Terry Sherwen	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Marine environment	Plume dispersion at Point Lowly	Effect of dodge tides
				Mixing zone targets	17.7.3a
				Upwelling effects	17.7.7a
		Cuttlefish	Potential for return water discharge to impinge on cuttlefish breeding habitat	17.10.5b	
321	Ken Simpson	Radiation	Radiation risks	Radiation risk factors	26.3.1d
		Product stewardship and the nuclear fuel cycle	Nuclear waste	Nuclear waste disposal	27.6.1a
322	Neil Skepper	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Description of proposed expansion		Desalination plant	5.5.1e
323	Skoog-Smith	Introduction	Issues outside of the scope of the SEIS		1.3
324	Jayne Sleep	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Marine environment	Plume dispersion at Point Lowly	Currents and circulation at Point Lowly	17.7.1b
				Upwelling effects	17.7.7a
				Cuttlefish	Potential for return water discharge to impinge on cuttlefish breeding habitat
			Contingency measures	17.10.9a	
325	L Smith	Marine environment	Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1a,f
			Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
			Stratification and deoxygenation	Potential ecological effects of oxygen depletion	17.12.5a
		Submissions on Draft EIS commitments	Responses to commitment comments	Desalination plant	32.2.2b
326	Richard Smith	Project alternatives	Processing	Processing of concentrate	4.2.2c
			Water supply	Desalination plant location	4.3.1a
		Legislative framework	Roxby Downs Indenture		6.4a

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		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Social environment	Crime and anti-social behaviour	Assessment and management of crime and anti-social behaviour	21.5.1a
			Social services and facilities	Hiltaba Village and Andamooka	21.7.4a
		Health and safety	Public health and safety	Upper Spencer Gulf marine safety review	25.1.2a
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Suggested link between uranium supplied by Olympic Dam, the nuclear power industry and nuclear weapons	27.3.2a
		Submissions on Draft EIS commitments	Responses to commitment comments	Energy	32.2.3b,d
Nuclear	32.2.7a				
Radiation	32.2.8a				
327	Cynthia Spangenberg	Project alternatives	Water supply	Desalination plant location	4.3.1a
328	Daniel Spencer	Project alternatives	Processing	Processing of concentrate	4.2.2b
			Water supply	Great Artesian Basin	4.3.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Marine environment	Potential ecological effects of return water discharge	Sensitivity of the Spencer Gulf ecosystem to salinity effects	17.8.1a
Cuttlefish	General concerns regarding effects on cuttlefish		17.10.1a		
329	Belinda Starr	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Point Lowly desalination plant	4.3.2e
330	Rowan Steele	Project alternatives	Processing	Processing of concentrate	4.2.2b
			Water supply	Desalination plant location	4.3.1a
			Energy supply and use		4.4a
331	Alys Stevens	Project alternatives	Processing	Processing of concentrate	4.2.2c
			Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
		Description of proposed expansion	Tailings storage facility		5.3a

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		Legislative framework	Roxby Downs Indenture		6.4a
		Stakeholder consultation and engagement	Public exhibition period		7.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Terrestrial ecology	Tailings retention system and wildlife		16.5a,b
			Vegetation clearance/Significant environmental benefit		16.6a,g
		Marine environment	Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
Product stewardship and the nuclear fuel cycle	Nuclear weapons	Inferred connection between nuclear power and nuclear weapons in China	27.3.3a		
332	PJ Stone	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Transport	Landing facility and access corridor	4.5.1b
		Marine environment	Landing facility	Effects of propeller wash on biota	17.16.3a
333	Robert & Brenda Strongman	Description of proposed expansion	Transport	Landing facility	5.7.2a
		Stakeholder consultation and engagement	Stakeholder consultation process		7.1a
			Compensation		7.7a
		Air quality	Criteria and impact assessment	Particulates	14.1.1a
		Marine environment	Landing facility	General effects on the marine environment	17.16.1b,c
				Effects of sediment winnowing on turbidity	17.16.4c
		Introduced pests	Potential ecological risks	17.17.4c	
Social environment	Crime and anti-social behaviour	Other crime and safety impacts	21.5.4a		
334	Dianne Strongman	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Stakeholder consultation and engagement	Compensation		7.7a
		Marine environment	Introduced pests	Vectors of concern	17.17.2a
335	Samantha Sunners	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a

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		Legislative framework	Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Product stewardship and the nuclear fuel cycle	NPT and disarmament	Failure of states party to the NPT to meet their treaty obligations	27.2.2a
			Nuclear waste	Nuclear waste disposal	27.6.1a
			The role of BHP Billiton	BHP Billiton obligations	27.9.2d
336	Allan Taylor	Project alternatives	Energy supply and use		4.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
337	Rebecca Taylor	Project alternatives	Water supply	Alternative supply sources	4.3.3f
			Energy supply and use		4.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
338	Katherine Taylor	Project alternatives	Transport	Road and rail transport	4.5.2c
		Northern Territory transport option	Accidental spill and emergency response		20.1a,b
		Product stewardship and the nuclear fuel cycle	Nuclear waste	Obligations on Australia	27.6.3a
			Nuclear industry	Life cycle of uranium	27.7.2a
			The role of BHP Billiton	BHP Billiton obligations	27.9.2d
339	Ok Tedi	Terrestrial ecology	Tailings retention system and wildlife		16.5a,b,c
340	Brenton Thomas	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Marine environment	Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1f
			Plume dispersion at Point Lowly	Mixing zone targets	17.7.3a
			Fisheries and aquaculture	Potential impacts on wild fisheries	17.11.1c
341	Dudley & Mary R Thompson	Description of proposed expansion	Transport	Access corridor	5.7.3a
		Legislative framework	South Australian and local government compliance	Marine park	6.3.3a

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		Terrestrial ecology	Vegetation clearance/Significant environmental benefit		16.6a
		Marine environment	Landing facility	Effects of propeller wash on biota	17.16.3a
342	Geri Thwaites	Project alternatives	Water supply	Desalination plant location	4.3.1a
343	Miriam Tonkin	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2c
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Inferred connection between nuclear power and nuclear weapons in China	27.3.3a
344	Trevor Toomer	Project alternatives	Water supply	Desalination plant location	4.3.1a
345	Andrea Tschirner	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
			Energy supply and use		4.4a
		Marine environment	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
346	Tony Turner	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Description of proposed expansion		Desalination plant	5.5.1f
		Legislative framework	EIS process	EIS assessment and approval process	6.1.3c
		Stakeholder consultation and engagement	Compensation		7.7a
		Terrestrial ecology	Vegetation clearance/Significant environmental benefit		16.6a
		Marine environment	Model validation and reliability	Applicability of model to Spencer Gulf	17.5.1a
				Confidence in model	17.5.2b
				Specific model validation issues	17.5.4a,b
	Plume dispersion at Point Lowly	Mixing zone targets	17.7.3a		
	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3d		
	Stratification and deoxygenation	Potential for stratification	17.12.2c		

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			Marine construction	Effects on Australian Giant Cuttlefish	17.14.5a
			Marine blasting	Blasting mitigation measures	17.15.2a
		Social environment	Access and disturbance	Effects on landholders and visitors around Point Lowly	21.11.2b
		Product stewardship and the nuclear fuel cycle	Strategic and policy	Effectiveness of the IAEA	27.1.4a
		Environmental management framework	Upper Spencer Gulf facilities	Regulator involvement in environmental monitoring programs for the desalination plant	29.1.9a
				Development of contingencies and accountability for impacts	29.1.10a,c
				Regulation and responsibilities	29.1.11a
			Involvement of stakeholders and regulators	29.8b	
Cumulative effects	Assessment of cumulative effects	30.1b			
347	T Turner (second submission)	Terrestrial ecology	Vegetation clearance/Significant environmental benefit		16.6a
		Environmental management framework	Upper Spencer Gulf facilities	Regulation and responsibilities	29.1.11a
			Involvement of stakeholders and regulators		29.8b
348	Dianne Turner	Introduction	BHP Billiton's environmental record		1.7a
		Project alternatives	Water supply	Desalination plant location	4.3.1a
		Description of proposed expansion	Energy supply	Desalination plant	5.6.2a
		Legislative framework	South Australian and local government compliance	Development plans	6.3.2c
		Noise and vibration	Desalination plant		15.2a
		Terrestrial ecology	Vegetation clearance/Significant environmental benefit		16.6e
		Marine environment	Ecotoxicology	Life stages tested	17.4.3b
			Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1f
Cuttlefish	Potential effects of the salinity increases on cuttlefish		17.10.6b		
349	Mark Turner	Project alternatives	Water supply	Desalination plant location	4.3.1a

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		Marine environment	Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1e
			Plume dispersion at Point Lowly	Mixing zone targets	17.7.3b
350	Dale Vander Giessen	Project alternatives	Water supply	Point Lowly desalination plant	4.3.2c
		Marine environment	Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1d
			Potential ecological effects of return water discharge	Sensitivity of the Spencer Gulf ecosystem to salinity effects	17.8.1d
			Stratification and deoxygenation	Potential for stratification	17.12.2a
				Potential ecological effects of oxygen depletion	17.12.5a
351	Janelle Veitch	Project alternatives	Processing	Processing of concentrate	4.2.2b,c
			Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
		Legislative framework	EIS process	EIS scope	6.1.1a
			Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Inferred connection between nuclear power and nuclear weapons in China	27.3.3a
			Safeguards	Accounting for uranium in China	27.4.1a
		352	Narelle Walker	Project alternatives	Water supply
	Great Artesian Basin				4.3.4a
Legislative framework	Roxby Downs Indenture				6.4a
Product stewardship and the nuclear fuel cycle	Nuclear weapons			Sources of nuclear material for weapons	27.3.5a
	Nuclear waste			Nuclear waste disposal	27.6.1a
	The role of BHP Billiton			BHP Billiton obligations	27.9.2c

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353	Tim Walsh	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Cumulative effects	Assessment of cumulative effects		30.1a
354	Robert Walters	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Energy supply and use		4.4a
		Stakeholder consultation and engagement	Compensation		7.7a
		Marine environment	Landing facility	Effects of bow waves	17.16.2a
				Effects of sediment winnowing on turbidity	17.16.4b
		Social environment	Access and disturbance	Effects on landholders and visitors around Port Augusta	21.11.1b,c
		Visual amenity	Landing facility and access corridor		23.2a
Environmental management framework	Upper Spencer Gulf facilities	Development of contingencies and accountability for impacts	29.1.10a,c		
355	Elsa & John Ward	Description of proposed expansion	Transport	Landing facility	5.7.2a
		Marine environment	Landing facility	Effects of bow waves	17.16.2a
				Effects of propeller wash on biota	17.16.3a
				Effects on marine mammals	17.16.6a
				Effects of the rock pad	17.16.7a
				Introduced pests	Vectors of concern
		Social environment	Tourism management	Tourism in Upper Spencer Gulf	21.4.2a
			Amenity of Upper Spencer Gulf		21.10a
		Traffic	Road and rail effects in and around Port Augusta		22.3b
Health and safety	Public health and safety	Upper Spencer Gulf marine safety review	25.1.2a		
356	James Ward	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Point Lowly desalination plant	4.3.2e
		Energy supply and use		4.4a	

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		Marine environment	Cuttlefish	Potential for return water discharge to impinge on cuttlefish breeding habitat	17.10.5b,c
				Potential behavioural effects on cuttlefish	17.10.8a
			Stratification and deoxygenation	Potential for oxygen depletion	17.12.3a
				Oxygen requirements of marine organisms	17.12.4a
		Cumulative effects	Assessment of cumulative effects	30.1a	
357	Darren Warner	Description of proposed expansion	Transport	Access corridor	5.7.3a
		Stakeholder consultation and engagement	Compensation		7.7a
		Land use	Land tenure		9.2b
		Social environment	Amenity of Upper Spencer Gulf		21.10b
			Access and disturbance	Effects on landholders and visitors around Port Augusta	21.11.1a
358	Rod Waters	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Marine environment	Plume dispersion at Point Lowly	Currents and circulation at Point Lowly	17.7.1c
			Cuttlefish	Contingency measures	17.10.9a
359	Mandy Webb	Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
360	M Webb (second submission)	Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
361	Gemma Weedall	Groundwater	Tailings storage facility	Seepage	12.3.2c
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Aboriginal cultural heritage	Consultation with Traditional Owners		18.1e
		Product stewardship and the nuclear fuel cycle	NPT and disarmament	The effectiveness of NPT	27.2.1a
362	Jessie Wells	Introduction	Issue outside the scope of the SEIS		1.3
363	J Wells (second submission)	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Description of proposed expansion	Tailings storage facility		5.3a
		Legislative framework	EIS process	EIS scope	6.1.1a

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			Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Terrestrial ecology	Tailings retention system and wildlife		16.5b
		Marine environment	Potential ecological effects of return water discharge	Extent of potential effects on marine communities	17.8.3a
			Cuttlefish	General concerns regarding effects on cuttlefish	17.10.1a
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
			Economic costs and benefits	Cost-benefit analysis	24.3.1a
		Product stewardship and the nuclear fuel cycle	Nuclear weapons	Inferred connection between nuclear power and nuclear weapons in China	27.3.3a
				Sources of nuclear material for weapons	27.3.5a
			Nuclear waste	Nuclear waste disposal	27.6.1a
				Obligations on Australia	27.6.3a
364	MS & SM Welsh	Project alternatives	Water supply	Desalination plant location	4.3.1a
			Transport	Landing facility and access corridor	4.5.1b
365	Adrianna White	Social environment	Social services and facilities	Social service requirements in Roxby Downs	21.7.3a
366	A White (second submission)	Social environment	Local business opportunities		21.3c
367	A White (third submission)	Social environment	Local business opportunities		21.3c
368	Philip White	Marine environment	Model validation and reliability	Confidence in model	17.5.2c
			Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1e
369	Philippa Williams	Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a

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370	Pamela Williams	Product stewardship and the nuclear fuel cycle	Nuclear weapons	Assurance that Australian uranium is not diverted to weapons	27.3.1a	
371	Dimity Williams	Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a	
372	Judith Wilson	Project alternatives	Water supply	Desalination plant location	4.3.1a	
373	Keith Wilson	Product stewardship and the nuclear fuel cycle	Nuclear weapons	Inferred connection between nuclear power and nuclear weapons in China	27.3.3a	
374	Ann Wilson	Project alternatives	Water supply	Desalination plant location	4.3.1a	
375	Hannah Wise	Project alternatives	Water supply	Desalination plant location	4.3.1a	
376	Rolf Wittwer	Project alternatives	Water supply	Desalination plant location	4.3.1a	
				The Point Lowly desalination plant	4.3.2a	
		Marine environment	Model validation and reliability	Confidence in model	17.5.2a	
				Data requirements	17.5.3e	
				Salt balance in Spencer Gulf	Natural exchange rate of water in Spencer Gulf	17.6.1e
				Plume dispersion at Point Lowly	Mixing zone targets	17.7.3a
					Near field modelling	17.7.5a
				Cuttlefish	Susceptibility of the cuttlefish population to rapid decline	17.10.4a
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377	Teresa Woodworth	Description of proposed expansion	Tailings storage facility		5.3a	
378	Liz Yelland	Project alternatives	Water supply	Desalination plant location	4.3.1a	
				Point Lowly desalination plant	4.3.2d	
379	Jacqueline Yetzotis	Groundwater	Tailings storage facility	Seepage	12.3.2a	
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a	
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a	
		Product stewardship and the nuclear fuel cycle	Nuclear industry	Operation of nuclear power plants	27.7.1a	

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			The role of BHP Billiton	BHP Billiton obligations	27.9.2c
		Rehabilitation and closure	Adequacy of assessment	Radiation post-closure	28.1.3a
380	Tamara York	Product stewardship and the nuclear fuel cycle	Nuclear waste	Nuclear waste disposal	27.6.1a
381	Susan Young	Product stewardship and the nuclear fuel cycle	Nuclear waste	Nuclear waste disposal	27.6.1b
			Nuclear security	Security of nuclear material	27.8.1b
382	Tony Zidarich	Terrestrial ecology	Tailings retention system and wildlife		16.5a,b,c
383	Henry	Marine environment	Entrainment	Characterisation of entrained organisms	17.13.1a
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				Concerns regarding impact assessment and mitigation	17.13.5e
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384	Mr Pedro	Introduction	Issue outside the scope of the SEIS		1.3
385	Concerned Shack Owner	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Description of proposed expansion	Transport	Access corridor	5.7.3a
		Legislative framework	South Australian and local government compliance	Marine park	6.3.3a
		Stakeholder consultation and engagement	Stakeholder consultation process		7.1a
		Social environment	Tourism management	Tourism in Upper Spencer Gulf	21.4.2a
			Amenity of Upper Spencer Gulf		21.10a
386	Confidential	Project alternatives	Transport	Landing facility and access corridor	4.5.1a,b
		Description of proposed expansion		Landing facility	5.7.2a
		Legislative framework	EIS process	EIS scope	6.1.1b
		Noise and vibration	Landing facility		15.3a
			Access corridor and pre-assembly yard		15.4a
		Marine environment	Potential ecological effects of return water discharge	Sensitivity of the Spencer Gulf ecosystem to salinity effects	17.8.1d
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			Social environment	Access and disturbance	Effects on landholders and visitors around Port Augusta
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387	Confidential	Project alternatives	Water supply	Desalination plant location	4.3.1a
		Marine environment	Ecotoxicology	Calculation and reliability of the SPTV	17.4.7g
			Potential ecological effects of return water discharge	Ecological effects of specific chemicals	17.8.4a
388	Confidential	Project alternatives	Water supply	Desalination plant location	4.3.1a
				Great Artesian Basin	4.3.4a
			Energy supply and use		4.4a
		Legislative framework	Roxby Downs Indenture		6.4a
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		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
		Product stewardship and the nuclear fuel cycle	NPT and disarmament	Failure of states party to the NPT to meet their treaty obligations	27.2.2b
			Safeguards	Accounting for uranium in China	27.4.1a
		The role of BHP Billiton	BHP Billiton obligations	27.9.2c	
389	Confidential	Project alternatives	Water supply	Great Artesian Basin	4.3.4a
		Description of proposed expansion	Tailings storage facility		5.3a
		Legislative framework	EIS process	EIS scope	6.1.1a
			Roxby Downs Indenture		6.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Greenhouse gas	Renewable energy targets and the nuclear fuel cycle		13.2a

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		Marine environment	Potential ecological effects of return water discharge	Sensitivity of the Spencer Gulf ecosystem to salinity effects	17.8.1a
		Economic assessment	Government revenue and expenditure	Industry subsidies	24.2.1a
		Product stewardship and the nuclear fuel cycle	Nuclear waste	Nuclear waste disposal	27.6.1c
390	Confidential	Product stewardship and the nuclear fuel cycle	Strategic and policy	Accounting for uranium	27.1.1
			Nuclear weapons	Assurance that Australian uranium is not diverted to weapons	27.3.1
391	Confidential	Introduction	Issues raised on how the Draft EIS was prepared	Assessment process	1.6.1c
		Project alternatives	Mining		4.1a
			Processing	Processing of concentrate	4.2.2b
		Description of proposed expansion	Tailings storage facility		5.3a
			Water supply	Water balance and water reuse	5.5.4a
		Groundwater	Tailings storage facility	Seepage	12.3.2a
		Air quality	Criteria and impact assessment	Sulphur dioxide	14.1.2a
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