

E. CHRONOLOGY OF NRC'S REQUESTS FOR ADDITIONAL INFORMATION

Throughout the course of the AP1000 design certification review, the staff requested additional information to clarify the applicant's description of the design. Some of the applicant's responses to these requests for additional information (RAIs) are discussed throughout this report.

This appendix presents a comprehensive list of the issuance and response letters associated with the RAIs that the staff has issued in connection with this design. Those RAIs that remained unresolved when the staff issued the draft safety evaluation report (DSEER) were incorporated into the DSEER as open items (OIs). (These OIs are also listed in this appendix.) In general, the first three digits of the RAI number indicate the technical review area that the question addresses, as follows:

- 100 - general
- 210 - mechanical engineering
- 220 - structural engineering
- 230 - seismology and seismic design
- 240 - hydrology and meteorology
- 241 - geotechnical engineering
- 250 - inservice inspection
- 251 - component integrity
- 252 - materials application
- 260 - quality assurance and reliability assurance program
- 261 - initial test program
- 280 - fire protection
- 281 - chemical technology
- 410 - auxiliary systems
- 420 - instrumentation and controls
- 435 - electric power systems
- 440 - reactor systems
- 451 - meteorology
- 460 - effluent treatment
- 470 - radiological impact
- 471 - radiation protection
- 472 - emergency planning
- 480 - containment systems
- 620 - human systems interfaces
- 630 - technical specifications
- 640 - inspections, tests, analysis, and acceptance criteria (ITAAC)
- 650 - unresolved safety issues (USIs) and generic safety issues (GSIs)
- 720 - reliability and risk assessment

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
100.001	09/30/2002	ML022700053	12/02/2002	ML023400058	
100.002	09/30/2002	ML022700053	10/18/2002	ML022980577	
100.003	09/30/2002	ML022700053	12/02/2002 04/11/2003	ML023400215 ML031050025	
210.001	09/04/2002	ML022470255	10/02/2002 03/28/2003 03/31/2003	ML022810450 ML030910636 ML030940206	See WCAP-15949
210.002	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.003	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.004	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.005	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.006	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.007	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.008	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.009	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.010	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.011	09/04/2002	ML022470255	11/26/2002	ML023360097	
210.012	09/04/2002	ML022470255	11/26/2002 02/21/2003	ML023360097 ML030560120	
210.013	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.014	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.015	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.016	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.017	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.018	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.019	09/04/2002	ML022470255	11/26/2002	ML023360097	
210.020	09/04/2002	ML022470255	10/02/2002	ML022810450	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
210.021	09/04/2002	ML022470255	10/02/2002 03/13/2003	ML022810450 ML030760701	
210.022	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.023	09/04/2002	ML022470255	10/02/2002 03/13/2003	ML022810450 ML030760701	
210.024	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.025	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.026	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.027	09/04/2002	ML022470255	10/18/2002	ML022980577	
210.028	09/04/2002	ML022470255	11/01/2002 03/31/2003	ML023110249 ML030940206	
210.029	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.030	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.031	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.032	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.033	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.034	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.035	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.036	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.037	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.038	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.039	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.040	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.041	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.042	09/04/2002	ML022470255	11/01/2002	ML023110249	
210.043	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.044	09/04/2002	ML022470255	10/02/2002	ML022810450	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
210.045	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.046	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.047	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.048	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.049	09/04/2002	ML022470255	10/02/2002 04/01/2003	ML022810450 ML030940537	
210.050	09/04/2002	ML022470255	10/02/2002 04/02/2003	ML022810450 ML030940170	
210.051	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.052	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.053	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.054	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.055	09/04/2002	ML022470255	10/02/2002 03/31/2003	ML022810450 ML030940206	
210.056	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.057	09/04/2002	ML022470255	10/02/2002	ML022810450	
210.058	09/25/2002	ML022620614	11/08/2002	ML023170535	
210.059	09/25/2002	ML022620614	10/18/2002	ML022980577	
210.060	09/25/2002	ML022620614	10/18/2002	ML022980577	
210.061	09/25/2002	ML022620614	10/02/2002	ML022810450	
210.062	09/25/2002	ML022620614	11/08/2002	ML023170535	
210.063	09/25/2002	ML022620614	11/08/2002	ML023170535	
210.064	09/25/2002	ML022620614	11/08/2002	ML023170535	
210.065	09/25/2002	ML022620614	10/18/2002	ML022980577	
210.066	09/25/2002	ML022620614	10/02/2002	ML022810450	
210.067	09/25/2002	ML022620614	10/18/2002	ML022980577	
210.068	09/25/2002	ML022620614	10/18/2002	ML022980577	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
210.069	09/25/2002	ML022620614	10/18/2002	ML022980577	
210.070	09/25/2002	ML022620614	10/18/2002	ML022980577	
220.001	09/19/2002	ML022600628	10/18/2002 03/13/2003	ML022980577 ML030760701	
220.002	09/19/2002	ML022600628	10/18/2002 03/17/2003	ML022980577 ML030790351	
220.003	09/19/2002	ML022600628	10/04/2002 01/21/2003 04/22/2003	ML022830632 ML030240161 ML031140005	
220.004	09/19/2002	ML022600628	10/04/2002	ML022830632	See DSER OI 3.8.2.2-2
220.005	09/19/2002	ML022600628	10/04/2002 03/13/2003	ML022830632 ML030760701	
220.006	09/19/2002	ML022600628	11/01/2002 01/21/2003	ML023080378 ML030240161	
220.007	09/19/2002	ML022600628	11/26/2002 05/21/2003	ML023360097 ML031430359	
220.008	09/19/2002	ML022600628	11/01/2002 01/21/2003	ML023080378 ML030240161	
220.009	09/19/2002	ML022600628	11/01/2002 01/21/2003	ML023080378 ML030240161	
220.010	09/19/2002	ML022600628	10/04/2002 03/03/2003	ML022830632 ML030640599	See DSER OI 3.8.3.5-1
220.011	09/19/2002	ML022600628	11/01/2002 02/14/2003	ML023080378 ML030520376	
220.012	09/19/2002	ML022600628	11/08/2002 03/03/2003	ML023170535 ML030640599	
220.013	09/19/2002	ML022600628	11/01/2002 03/03/2003 04/22/2003	ML023080378 ML030640599 ML031140005	
220.014	09/19/2002	ML022600628	11/01/2002	ML023080378	
220.015	09/19/2002	ML022600628	12/02/2002	ML023400058	See DSER OI 3.8.4.3-1

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
220.016	09/19/2002	ML022600628	10/04/2002 01/21/2003	ML022830632 ML030240161	
220.017	09/19/2002	ML022600628	10/04/2002 04/23/2003	ML022830632 ML031150003	
220.018	09/19/2002	ML022600628	10/04/2002 03/03/2003	ML022830632 ML030640599	
220.019	09/19/2002	ML022600628	11/01/2002 01/21/2003	ML023080378 ML030240161	
230.001	09/19/2002	ML022600628	10/04/2002	ML022830632	
230.002	09/19/2002	ML022600628	10/04/2002 01/21/2003	ML022830632 ML030240161	See DSER OI 3.7.2.1-1
230.003	09/19/2002	ML022600628	10/04/2002 01/21/2003	ML022830632 ML030240161	
230.004	09/19/2002	ML022600628	10/04/2002	ML022830632	
230.005	09/19/2002	ML022600628	10/04/2002	ML022830632	
230.006	09/19/2002	ML022600628	10/04/2002 01/21/2003	ML022830632 ML030240161	
230.007	09/19/2002	ML022600628	10/04/2002 01/21/2003	ML022830632 ML030240161	
230.008	09/19/2002	ML022600628	10/04/2002	ML022830632	
230.009	09/19/2002	ML022600628	10/04/2002 01/21/2003	ML022830632 ML030240161	
230.010	09/19/2002	ML022600628	10/04/2002	ML022830632	
230.011	09/19/2002	ML022600628	10/04/2002	ML022830632	
230.012	09/19/2002	ML022600628	10/04/2002 01/21/2003	ML022830632 ML030240161	
230.013	09/19/2002	ML022600628	10/04/2002	ML022830632	
230.014	09/19/2002	ML022600628	10/04/2002	ML022830632	
230.015	09/19/2002	ML022600628	10/04/2002	ML022830632	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
230.016	09/19/2002	ML022600628	10/04/2002 01/21/2003	ML022830632 ML030240161	
230.017	09/19/2002	ML022600628	10/04/2002	ML022830632	
230.018	09/19/2002	ML022600628	10/04/2002 01/21/2003 03/13/2003 05/13/2003	ML022830632 ML030240161 ML030760701 ML031350127	See DSER OIs 3.7.2.3-2 and 3.8.5.5-1
230.019	09/19/2002	ML022600628	10/04/2002	ML022830632	
230.020	05/20/2003	ML030900588	05/13/2003	ML031350127	See DSER OIs 3.7.2.3-1, 3.7.2.3-3, 3.7.2.9-1, and 3.8.5.4-1
230.021	05/20/2003	ML030900588	Note 1	Note 1	See DSER OIs 3.7.2.3-1 and 3.8.5.4-1
230.022	05/20/2003	ML030900588	05/21/2003	ML031430359	See DSER OIs 3.7.2.3-1 and 3.8.5.4-1
230.023	05/20/2003	ML030900588	05/13/2003	ML031350127	See DSER OI 3.8.5.1-1
240.001	09/19/2002	ML022600628	10/04/2002	ML022830632	
240.002	09/19/2002	ML022600628	10/04/2002	ML022830632	
240.003	09/19/2002	ML022600628	10/04/2002	ML022830632	
240.004	09/19/2002	ML022600628	10/04/2002	ML022830632	
240.005	05/20/2003	ML030900588	05/07/2003	ML031290020	See DSER OIs 2.5.1-1, 2.5.2-1, 2.5.4-1, and 2.5.4-2
241.001	09/19/2002	ML022600628	10/04/2002	ML022830632	See DSER OI 3.7.1.5-1
241.002	09/19/2002	ML022600628	10/04/2002	ML022830632	
241.003	09/19/2002	ML022600628	10/04/2002	ML022830632	
250.001	09/24/2002	ML022620079	11/08/2002	ML023170535	
250.002	09/24/2002	ML022620079	11/08/2002	ML023170535	
250.003	09/24/2002	ML022620079	12/02/2002 03/13/2003	ML023400215 ML030760701	
251.001	09/24/2002	ML022620079	11/26/2002	ML023360097	See DSER OI 3.5.1.3-1

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
251.002	09/24/2002	ML022620079	11/26/2002 04/04/2003	ML023360097 ML030980094	See DSER OIs 3.5.1.3-1 and 3.5.1.3-2
251.003	09/24/2002	ML022620079	11/26/2002	ML023360097	
251.004	09/24/2002	ML022620079	11/01/2002 03/13/2003	ML023110249 ML030760701	See DSER OI 3.6.3.4-1
251.005	09/24/2002	ML022620079	11/01/2002 03/17/2003	ML023110249 ML030790351	See DSER OI 3.6.3.4-2
251.006	09/24/2002	ML022620079	11/01/2002	ML023110249	
251.007	09/24/2002	ML022620079	11/01/2002	ML023110249	
251.008	09/24/2002	ML022620079	11/01/2002	ML023110249	
251.009	09/24/2002	ML022620079	11/01/2002	ML023110249	
251.010	09/24/2002	ML022620079	11/01/2002	ML023110249	
251.011	09/24/2002	ML022620079	12/02/2002 03/25/2003	ML023400058 ML030870010	
251.012	09/24/2002	ML022620079	11/08/2002 03/28/2003 03/31/2003	ML023170535 ML030910636 ML030940206	See DSER OI 5.2.3-1
251.013	09/24/2002	ML022620079	10/18/2002	ML022980577	
251.014	09/24/2002	ML022620079	10/18/2002	ML022980577	
251.015	09/24/2002	ML022620079	11/08/2002	ML023170535	
251.016	09/24/2002	ML022620079	10/18/2002	ML022980577	
251.017	09/24/2002	ML022620079	10/18/2002	ML022980577	
251.018	09/24/2002	ML022620079	10/18/2002	ML022980577	See DSER OI 5.3.3-1
251.019	09/24/2002	ML022620079	10/18/2002	ML022980577	
251.020	09/24/2002	ML022620079	10/18/2002	ML022980577	
251.021	09/24/2002	ML022620079	11/26/2002 03/28/2003 03/31/2003	ML023360097 ML030910636 ML030940206	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
251.022	09/24/2002	ML022620079	11/01/2002 03/25/2003	ML023110249 ML030870010	
251.023	09/24/2002	ML022620079	11/26/2002	ML023360097	See DSER OI 10.2.8-1
251.024	09/24/2002	ML022620079	11/26/2002 03/25/2003	ML023360097 ML030870010	See DSER OI 10.2.8-1
251.025	09/24/2002	ML022620079	11/26/2002 03/25/2003	ML023360097 ML030870010	See DSER OI 10.2.8-2
251.026	09/24/2002	ML022620079	11/26/2002 03/25/2003	ML023360097 ML030870010	See DSER OI 10.2.8-2
251.027	09/24/2002	ML022620079	11/26/2002	ML023360097	See DSER OIs 3.5.1.3-1 and 10.2.8-2
251.028	09/24/2002	ML022620079	12/02/2002 03/25/2003	ML023400058 ML030870010	
251.029	09/24/2002	ML022620079	11/26/2002 03/13/2003	ML023360097 ML030760701	
252.001	09/24/2002	ML022620079	11/26/2002 04/07/2003	ML023360097 ML030990626	See DSER OIs 4.5.1-1 and 4.5.1-2
252.002	09/24/2002	ML022620079	11/08/2002 03/28/2003	ML023170535 ML030910636	
252.003	09/24/2002	ML022620079	11/08/2002	ML023170535	
252.004	09/24/2002	ML022620079	11/08/2002	ML023170535	
252.005	09/24/2002	ML022620079	11/08/2002	ML023170535	
252.006	09/24/2002	ML022620079	10/18/2002 03/13/2003	ML022980577 ML030760701	
252.007	09/24/2002	ML022620079	10/18/2002	ML022980577	
252.008	09/24/2002	ML022620079	11/08/2002	ML023170535	
252.009	09/24/2002	ML022620079	10/02/2002	ML022810450	
252.010	05/20/2003	ML030900588	05/21/2003	ML031430359	See DSER OI 14.3.2-9
252.011	05/20/2003	ML030900588	05/21/2003	ML031430359	See DSER OI 14.3.2-10
252.012	05/20/2003	ML030900588	Note 1	Note 1	See DSER OI 5.2.3-1

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
260.001	09/19/2002	ML022620026	10/02/2002	ML022810450	
260.002	09/19/2002	ML022620026	12/02/2002	ML023400058	
260.003	09/19/2002	ML022620026	10/02/2002	ML022810450	
260.004	05/20/2003	ML030900588	04/04/2003	ML030980094	
260.005	05/20/2003	ML030900588	04/04/2003	ML030980094	
260.006	05/20/2003	ML030900588	05/13/2003	ML031350127	
260.007	05/20/2003	ML030900588	05/13/2003	ML031350127	See DSER OI 17.3.2-3
260.008	05/20/2003	ML030900588	05/13/2003	ML031350127	
261.001	09/19/2002	ML022620026	10/02/2002	ML022810450	
261.002	09/19/2002	ML022620026	10/02/2002 02/14/2003	ML022810450 ML030520376	
261.003	09/19/2002	ML022620026	10/02/2002	ML022810450	
261.004	09/19/2002	ML022620026	10/02/2002	ML022810450	
261.005	09/19/2002	ML022620026	11/15/2002	ML023230385	
261.006	09/19/2002	ML022620026	11/15/2002	ML023230385	
261.007	09/19/2002	ML022620026	11/08/2002 11/15/2002	ML023170535 ML023230385	
261.008	09/19/2002	ML022620026	10/02/2002	ML022810450	See DSER OI 17.3.2-4
261.009	09/19/2002	ML022620026	11/15/2002	ML023230385	See DSER OI 14.2.10-1
261.010	09/19/2002	ML022620026	11/15/2002 03/13/2003	ML023230385 ML030760701	
261.011	09/25/2002	ML022620614	12/02/2002	ML023400215	
261.012	09/25/2002	ML022620614	10/18/2002	ML022980577	
261.013	09/25/2002	ML022620614	11/01/2002	ML023110249	
261.014	05/20/2003	ML030900588	05/14/2003	ML031360014	See DSER OI 14.2.7-1
261.015	05/20/2003	ML030900588	05/21/2003	ML031430359	See DSER OI 14.2.7-2
261.016	05/20/2003	ML030900588	05/13/2003	ML031350127	See DSER OIs 14.2.10-1 and 14.2.10-2

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
261.017	05/20/2003	ML030900588	05/13/2003	ML031350127	See DSER OI 14.2.10-3
261.018	05/20/2003	ML030900588	05/21/2003	ML031430359	See DSER OI 14.2.10-4
280.001	09/30/2002	ML022680338	10/18/2002 03/25/2003	ML022980577 ML030870010	See DSER OI 9.5.1-1
280.002	09/30/2002	ML022680338	10/18/2002	ML022980577	
280.003	09/30/2002	ML022680338	11/15/2002	ML023230385	
280.004	09/30/2002	ML022680338	10/18/2002 11/01/2002	ML022980577 ML023110249	
280.005	09/30/2002	ML022680338	11/01/2002	ML023110249	
280.006	09/30/2002	ML022680338	11/01/2002	ML023110249	
280.007	09/30/2002	ML022680338	11/08/2002	ML023170535	
280.008	09/30/2002	ML022680338	11/01/2002 03/25/2003	ML023110249 ML030870010	
280.009	09/30/2002	ML022680338	11/01/2002	ML023110249	
280.010	09/30/2002	ML022680338	11/01/2002	ML023110249	
280.011	09/30/2002	ML022680338	11/01/2002	ML023110249	See DSER OI 9.5.1-2
281.001	09/24/2002	ML022620079	12/02/2002 03/13/2003	ML023400058 ML030760701	
281.002	09/24/2002	ML022620079	10/18/2002	ML022980577	
281.003	09/24/2002	ML022620079	10/18/2002	ML022980577	
281.004	05/20/2003	ML030900588	04/01/2003	ML030940537	
410.001	09/30/2002	ML022680338	11/01/2002	ML023110249	
410.002	09/30/2002	ML022680338	11/01/2002	ML023110249	
410.003	09/30/2002	ML022680338	11/01/2002	ML023110249	
410.004	09/30/2002	ML022680338	11/01/2002	ML023110249	
410.005	09/30/2002	ML022680338	11/26/2002 03/13/2003	ML023360097 ML030760701	
410.006	09/30/2002	ML022680338	11/26/2002	ML023360097	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
410.007	09/30/2002	ML022680338	11/15/2002 02/14/2003 05/21/2003	ML023230385 ML030520376 ML031430359	See DSER OI 9.4-1
410.008	09/30/2002	ML022680338	11/01/2002	ML023110249	
410.009	09/30/2002	ML022680338	11/15/2002 02/14/2003	ML023230385 ML030520376	See DSER OI 9.4-1
410.010	09/30/2002	ML022680338	11/26/2002	ML023360097	
410.011	09/30/2002	ML022680338	11/01/2002	ML023110249	
410.012	09/30/2002	ML022680338	11/01/2002	ML023110249	
410.013	09/30/2002	ML022680338	11/08/2002	ML023170535	
410.014	09/30/2002	ML022680338	11/15/2002	ML023230385	
410.015	09/30/2002	ML022680338	11/01/2002	ML023110249	
410.016	09/30/2002	ML022680338	11/26/2002 03/13/2003	ML023360097 ML030760701	
410.017	09/30/2002	ML022680338	11/08/2002	ML023170535	
410.018	09/30/2002	ML022680338	11/26/2002 03/13/2003	ML023360097 ML030760701	
410.019	09/30/2002	ML022680338	11/08/2002 03/31/2003	ML023170535 ML030940206	
410.020	09/30/2002	ML022680338	10/18/2002	ML022980577	
410.021	09/30/2002	ML022680338	11/01/2002	ML023110249	
410.022	05/20/2003	ML030900588	04/24/2003	ML031180036	
420.001	08/27/2002	ML022390103	11/08/2002	ML023170535	
420.002	08/27/2002	ML022390103	11/15/2002	ML023230385	
420.003	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.004	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.005	08/27/2002	ML022390103	11/08/2002 03/13/2003	ML023170535 ML030760701	
420.006	08/27/2002	ML022390103	10/02/2002 02/21/2003	ML022810450 ML030560120	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
420.007	08/27/2002	ML022390103	10/02/2002 02/21/2003	ML022810450 ML030560120	
420.008	08/27/2002	ML022390103	11/01/2002 02/21/2003	ML023110249 ML030560120	
420.009	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.010	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.011	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.012	08/27/2002	ML022390103	10/18/2002 03/13/2003	ML022980577 ML030760701	
420.013	08/27/2002	ML022390103	11/08/2002 02/21/2003	ML023170535 ML030560120	
420.014	08/27/2002	ML022390103	10/18/2002	ML022980577	
420.015	08/27/2002	ML022390103	11/01/2002	ML023110249	
420.016	08/27/2002	ML022390103	11/01/2002	ML023110249	
420.017	08/27/2002	ML022390103	11/01/2002	ML023110249	
420.018	08/27/2002	ML022390103	11/01/2002	ML023110249	
420.019	08/27/2002	ML022390103	11/26/2002	ML023360097	
420.020	08/27/2002	ML022390103	11/01/2002	ML023110249	
420.021	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.022	08/27/2002	ML022390103	11/01/2002 03/13/2003	ML023110249 ML030760701	
420.023	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.024	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.025	08/27/2002	ML022390103	11/15/2002	ML023230385	
420.026	08/27/2002	ML022390103	11/08/2002	ML023170535	
420.027	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.028	08/27/2002	ML022390103	11/26/2002	ML023360097	
420.029	08/27/2002	ML022390103	11/26/2002 03/25/2003	ML023360097 ML030870010	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
420.030	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.031	08/27/2002	ML022390103	11/01/2002	ML023110249	
420.032	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.033	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.034	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.035	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.036	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.037	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.038	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.039	08/27/2002	ML022390103	11/15/2002	ML023230385	
420.040	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.041	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.042	08/27/2002	ML022390103	10/02/2002	ML022810450	
420.043	08/27/2002	ML022390103	11/01/2002	ML023110249	
420.044	08/27/2002	ML022390103	11/08/2002	ML023170535	
420.045	08/27/2002	ML022390103	11/26/2002 02/21/2003	ML023360097 ML030560120	
420.046	08/27/2002	ML022390103	11/08/2002	ML023170535	
420.047	05/20/2003	ML030900588	04/01/2003	ML030940537	
420.048	05/20/2003	ML030900588	05/14/2003	ML031360014	See DSER OIs 9.5.2-1, 9.5.2-2, and 9.5.2-4
435.001	08/27/2002	ML022390103	10/02/2002	ML022810450	
435.002	08/27/2002	ML022390103	10/02/2002	ML022810450	
435.003	08/27/2002	ML022390103	10/02/2002	ML022810450	
435.004	08/27/2002	ML022390103	10/02/2002	ML022810450	
435.005	08/27/2002	ML022390103	10/02/2002	ML022810450	
435.006	08/27/2002	ML022390103	10/02/2002	ML022810450	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
435.007	08/27/2002	ML022390103	10/02/2002	ML022810450	
435.008	08/27/2002	ML022390103	10/02/2002	ML022810450	
435.009	08/27/2002	ML022390103	10/02/2002	ML022810450	
435.010	08/27/2002	ML022390103	10/02/2002	ML022810450	
435.011	08/27/2002	ML022390103	10/02/2002	ML022810450	
435.012	08/27/2002	ML022390103	10/02/2002	ML022810450	
435.013	08/27/2002	ML022390103	10/02/2002	ML022810450	
435.014	08/27/2002	ML022390103	10/02/2002	ML022810450	
435.015	08/27/2002	ML022390103	10/02/2002	ML022810450	
440.001	06/27/2002	ML021780568	07/24/2002	ML022110430	
440.002	06/27/2002	ML021780568	07/24/2002	ML022110430	See DSER OI 15.1.5-1
440.003	06/27/2002	ML021780568	07/24/2002	ML022110430	
440.004	06/27/2002	ML021780568	07/24/2002	ML022110430	
440.005	06/27/2002	ML021780568	07/24/2002	ML022110430	
440.006	06/27/2002	ML021780568	07/24/2002	ML022110430	
440.007	06/27/2002	ML021780568	07/24/2002	ML022110430	
440.008	06/27/2002	ML021780568	07/24/2002	ML022110430	
440.009	09/05/2002	ML022480440	09/12/2002	ML022600097	
440.010	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.011	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.012	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.013	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.014	09/05/2002	ML022480440	10/02/2002 03/28/2003	ML022810450 ML030910636	
440.015	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.016	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.017	09/05/2002	ML022480440	10/02/2002	ML022810450	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
440.018	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.019	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.020	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.021	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.022	09/05/2002	ML022480440	10/18/2002 03/28/2003	ML022980577 ML030910636	See DSER OI 4.4-1
440.023	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.024	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.025	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.026	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.027	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.028	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.029	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.030	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.031	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.032	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.033	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.034	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.035	09/05/2002	ML022480440	11/01/2002	ML023110249	
440.036	09/05/2002	ML022480440	11/26/2002 03/31/2003	ML023360097 ML030940206	
440.037	09/05/2002	ML022480440	10/02/2002 03/28/2003	ML022810450 ML030910636	
440.038	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.039	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.040	09/05/2002	ML022480440	12/02/2002	ML023400058	
440.041	09/05/2002	ML022480440	10/18/2002	ML022980577	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
440.042	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.043	09/05/2002	ML022480440	10/18/2002 02/21/2003	ML022980577 ML030560120	
440.044	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.045	09/05/2002	ML022480440	11/26/2002	ML023360097	See WCAP-15993
440.046	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.047	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.048	09/05/2002	ML022480440	10/18/2002 03/13/2003	ML022980577 ML030760701	
440.049	09/05/2002	ML022480440	10/02/2002 03/13/2003	ML022810450 ML030760701	
440.050	09/05/2002	ML022480440	10/02/2002 02/21/2003	ML022810450 ML030560120	
440.051	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.052	09/05/2002	ML022480440	10/02/2002 03/13/2003	ML022810450 ML030760701	
440.053	09/05/2002	ML022480440	11/01/2002	ML023110249	
440.054	09/05/2002	ML022480440	11/01/2002	ML023110249	
440.055	09/05/2002	ML022480440	11/26/2002	ML023360097	
440.056	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.057	09/05/2002	ML022480440	12/02/2002	ML023400058	
440.058	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.059	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.060	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.061	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.062	09/05/2002	ML022480440	10/18/2002	ML022980577	See DSER OI 15.1.5-1
440.063	09/05/2002	ML022480440	11/01/2002	ML023110249	
440.064	09/05/2002	ML022480440	10/02/2002	ML022810450	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
440.065	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.066	09/05/2002	ML022480440	11/26/2002	ML023360097	
440.067	09/05/2002	ML022480440	12/02/2002	ML023400058	
440.068	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.069	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.070	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.071	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.072	09/05/2002	ML022480440	11/01/2002	ML023110249	
440.073	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.074	09/05/2002	ML022480440	11/15/2002	ML023230385	
440.075	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.076	09/05/2002	ML022480440	10/02/2002 03/13/2003	ML022810450 ML030760701	
440.077	09/05/2002	ML022480440	10/02/2002 03/28/2003	ML022810450 ML030910636	
440.078	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.079	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.080	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.081	09/05/2002	ML022480440	12/02/2002	ML023400058	
440.082	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.083	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.084	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.085	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.086	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.087	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.088	09/05/2002	ML022480440	10/02/2002	ML022810450	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
440.089	09/05/2002	ML022480440	10/02/2002 03/13/2003	ML022810450 ML030760701	
440.090	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.091	09/05/2002	ML022480440	12/02/2002 03/17/2003	ML023400058 ML030790351	
440.092	09/05/2002	ML022480440	12/02/2002	ML023400058	
440.093	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.094	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.095	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.096	09/05/2002	ML022480440	12/02/2002	ML023400058	
440.097	09/05/2002	ML022480440	11/01/2002 03/17/2003	ML023110249 ML030790351	
440.098	09/05/2002	ML022480440	11/01/2002	ML023110249	
440.099	09/05/2002	ML022480440	12/02/2002 03/13/2003	ML023400058 ML030760701	
440.100	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.101	09/05/2002	ML022480440	12/02/2002	ML023400215	
440.102	09/05/2002	ML022480440	10/18/2002 11/26/02	ML022980577 ML023360097	
440.103	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.104	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.105	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.106	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.107	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.108	09/05/2002	ML022480440	12/02/2002 04/01/2003	ML023400215 ML030940537	
440.109	09/05/2002	ML022480440	11/15/2002	ML023230385	
440.110	09/05/2002	ML022480440	10/02/2002	ML022810450	See DSER OI 19.3.3-1
440.111	09/05/2002	ML022480440	10/02/2002	ML022810450	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
440.112	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.113	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.114	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.115	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.116	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.117	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.118	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.119	09/05/2002	ML022480440	12/02/2002 04/02/2003	ML023400058 ML030940170	
440.120	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.121	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.122	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.123	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.124	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.125	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.126	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.127	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.128	09/05/2002	ML022480440	12/02/2002 02/21/2003	ML023400058 ML030560120	See WCAP-15992
440.129	09/05/2002	ML022480440	11/01/2002	ML023110249	
440.130	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.131	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.132	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.133	09/05/2002	ML022480440	12/02/2002	ML023400058	
440.134	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.135	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.136	09/05/2002	ML022480440	10/02/2002	ML022810450	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
440.137	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.138	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.139	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.140	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.141	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.142	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.143	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.144	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.145	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.146	09/05/2002	ML022480440	10/02/2002	ML022810450	
440.147	09/05/2002	ML022480440	11/26/2002	ML023360097	
440.148	09/05/2002	ML022480440	10/18/2002	ML022980577	
440.149	09/25/2002	ML022620614	10/02/2002	ML022810450	
440.150	09/25/2002	ML022620614	10/02/2002	ML022810450	
440.151	09/25/2002	ML022620614	11/01/2002 03/17/2003	ML023110249 ML030790351	See DSER OI 21.5-1
440.152	09/25/2002	ML022620614	10/18/2002 03/17/2003	ML022980577 ML030790351	See DSER OI 21.5-1
440.153	09/25/2002	ML022620614	10/18/2002	ML022980577	
440.154	09/25/2002	ML022620614	11/15/2002 02/14/2003 03/31/2003	ML023230385 ML030520376 ML030940206	See DSER OI 21.5-1
440.155	09/25/2002	ML022620614	11/26/2002	ML023360097	
440.156	09/25/2002	ML022620614	10/18/2002	ML022980577	
440.157	09/25/2002	ML022620614	11/26/2002 03/31/2003	ML023360097 ML030940206	
440.158	09/25/2002	ML022620614	11/01/2002	ML023110249	
440.159	09/25/2002	ML022620614	11/01/2002	ML023110249	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
440.160	09/25/2002	ML022620614	11/01/2002 03/31/2003	ML023110249 ML030940206	
440.161	09/25/2002	ML022620614	11/15/2002	ML023230385	
440.162	09/25/2002	ML022620614	12/02/2002 04/07/2003	ML023400058 ML030990626	
440.163	09/25/2002	ML022620614	11/26/2002	ML023360097	
440.164	09/25/2002	ML022620614	11/01/2002	ML023110249	See DSER OI 21.5-3
440.165	09/25/2002	ML022620614	11/15/2002	ML023230385	
440.166	09/25/2002	ML022620614	11/15/2002	ML023230385	
440.167	09/25/2002	ML022620614	10/02/2002	ML022810450	
440.168	09/25/2002	ML022620614	11/26/2002	ML023360097	
440.169	09/25/2002	ML022620614	10/18/2002 11/01/2002	ML022980577 ML023110249	See DSER OI 21.5-2
440.170	09/25/2002	ML022620614	11/01/2002	ML023110249	
440.171	09/25/2002	ML022620614	11/01/2002 03/31/2003	ML023110249 ML030940206	
440.172	09/25/2002	ML022620614	11/01/2002	ML023110249	
440.173	09/25/2002	ML022620614	11/26/2002 02/14/2003 04/28/2003	ML023360097 ML030520376 ML031200411	
440.174	09/25/2002	ML022620614	11/15/2002	ML023230385	
440.175	09/25/2002	ML022620614	11/15/2002	ML023230385	
440.176	09/25/2002	ML022620614	11/15/2002	ML023230385	
440.177	09/25/2002	ML022620614	11/15/2002	ML023230385	
440.178	09/25/2002	ML022620614	11/15/2002	ML023230385	
440.179	09/25/2002	ML022620614	11/26/2002	ML023360097	
440.180	09/25/2002	ML022620614	11/26/2002	ML023360097	
440.181	09/25/2002	ML022620614	10/18/2002	ML022980577	
440.182	09/25/2002	ML022620614	11/26/2002	ML023360097	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
440.183	02/05/2003	ML030340065	02/21/2003	ML030560120	
440.184	02/05/2003	ML030340065	02/21/2003 04/07/2003	ML030560120 ML030990626	
440.185	03/14/2003	ML030660605	04/01/2003	ML030940537	
440.186	03/14/2003	ML030660605	03/31/2003	ML030940206	
440.187	03/14/2003	ML030660605	03/25/2003	ML030870010	
440.188	05/20/2003	ML030900588	04/02/2003	ML030940170	
440.189	05/20/2003	ML030900588	Note 1	Note 1	See DSER OI 15.1.5-2
451.001	09/27/2002	ML022670315	11/26/2002	ML023360097	
451.002	09/27/2002	ML022670315	10/18/2002 04/01/2003	ML022980577 ML030940537	
451.003	09/27/2002	ML022670315	11/26/2002	ML023360097	
451.004	09/27/2002	ML022670315	10/18/2002 04/01/2003	ML022980577 ML030940537	
451.005	09/27/2002	ML022670315	10/18/2002	ML022980577	
451.006	09/27/2002	ML022670315	11/26/2002 04/01/2003	ML023360097 ML030940537	See DSER OIs 2.3.4-1, 6.4-1, 15.3-2, and 15.3-2
451.007	09/27/2002	ML022670315	10/18/2002	ML022980577	
451.008	03/14/2003	ML030660605	03/13/2003	ML030760701	
460.001	09/30/2002	ML022680338	11/15/2002	ML023230385	
460.002	09/30/2002	ML022680338	11/26/2002	ML023360097	
460.003	09/30/2002	ML022680338	11/15/2002	ML023230385	
460.004	09/30/2002	ML022680338	11/26/2002	ML023360097	
460.005	09/30/2002	ML022680338	11/15/2002	ML023230385	
460.006	09/30/2002	ML022680338	11/26/2002	ML023360097	
460.007	09/30/2002	ML022680338	11/15/2002 03/13/2003	ML023230385 ML030760701	
460.008	09/30/2002	ML022680338	11/15/2002	ML023230385	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
460.009	09/30/2002	ML022680338	11/15/2002	ML023230385	
460.010	09/30/2002	ML022680338	11/15/2002	ML023230385	
460.011	09/30/2002	ML022680338	11/15/2002	ML023230385	
470.001	09/27/2002	ML022670315	10/18/2002	ML022980577	
470.002	09/27/2002	ML022670315	10/18/2002 03/17/2003	ML022980577 ML030790351	
470.003	09/27/2002	ML022670315	10/18/2002 03/17/2003	ML022980577 ML030790351	
470.004	09/27/2002	ML022670315	11/26/2002	ML023360097	
470.005	09/27/2002	ML022670315	10/18/2002	ML022980577	
470.006	09/27/2002 10/10/2002	ML022670315 ML022820451	11/26/2002	ML023360097	
470.007	09/27/2002	ML022670315	11/26/2002 03/17/2003	ML023360097 ML030790351	
470.008	09/27/2002	ML022670315	11/26/2002	ML023360097	
470.009	09/27/2002	ML022670315	11/26/2002	ML023360097	See DSER OIs 15.3-1 and 15.3.6-1
470.010	09/27/2002	ML022670315	11/26/2002	ML023360097	
470.011	09/27/2002	ML022670315	11/26/2002 04/11/2003	ML023360097 ML031050025	See DSER OIs 15.3-1 and 15.3.6-1
470.012	09/27/2002	ML022670315	11/26/2002	ML023360097	
470.013	09/27/2002	ML022670315	11/26/2002	ML023360097	
471.001	09/19/2002	ML022620026	10/02/2002	ML022810450	
471.002	09/19/2002	ML022620026	10/02/2002	ML022810450	
471.003	09/19/2002	ML022620026	10/02/2002	ML022810450	
471.004	09/19/2002	ML022620026	10/02/2002	ML022810450	
471.005	09/19/2002	ML022620026	11/26/2002 03/25/2003	ML023360097 ML030870010	
471.006	09/19/2002	ML022620026	10/02/2002	ML022810450	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
471.007	09/19/2002	ML022620026	11/26/2002	ML023360097	
471.008	09/19/2002	ML022620026	10/02/2002	ML022810450	
471.009	09/19/2002	ML022620026	12/02/2002 03/25/2003	ML023400058 ML030870010	
471.010	09/19/2002	ML022620026	10/02/2002	ML022810450	
471.011	05/20/2003	ML030900588	04/04/2003 04/11/2003	ML030980094 ML031050025	
472.001	09/19/2002	ML022620026	10/02/2002	ML022810450	
472.002	09/19/2002	ML022620026	10/02/2002	ML022810450	
472.003	09/19/2002	ML022620026	10/02/2002 04/11/2003	ML022810450 ML031050025	See DSER OIs 13.3-1 and 13.3-2
480.001	09/30/2002	ML022680338	11/26/2002	ML023360097	
480.002	09/30/2002	ML022680338	11/01/2002	ML023110249	
480.003	09/30/2002	ML022680338	11/01/2002	ML023110249	
480.004	09/30/2002	ML022680338	11/26/2002	ML023360097	
480.005	09/30/2002	ML022680338	11/01/2002	ML023110249	
480.006	09/30/2002	ML022680338	11/01/2002	ML023110249	
480.007	09/30/2002	ML022680338	11/01/2002	ML023110249	
480.008	09/30/2002	ML022680338	11/15/2002	ML023230385	
480.009	09/30/2002	ML022680338	11/01/2002	ML023110249	
480.010	05/20/2003	ML030900588	04/11/2003	ML031050025	See DSER OI 6.2.6.4-1
480.011	05/20/2003	ML030900588	04/11/2003	ML031050025	
620.001	09/03/2002	ML022460356	10/02/2002 03/13/2003	ML022810450 ML030760701	
620.002	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.003	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.004	09/03/2002	ML022460356	10/02/2002 03/25/2003	ML022810450 ML030870010	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
620.005	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.006	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.007	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.008	09/03/2002	ML022460356	11/26/2002	ML023360097	
620.009	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.010	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.011	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.012	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.013	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.014	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.015	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.016	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.017	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.018	09/03/2002	ML022460356	10/18/2002 03/13/2003	ML022980577 ML030760701	
620.019	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.020	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.021	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.022	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.023	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.024	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.025	09/03/2002	ML022460356	10/18/2002	ML022980577	
620.026	09/03/2002	ML022460356	10/18/2002	ML022980577	
620.027	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.028	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.029	09/03/2002	ML022460356	11/26/2002	ML023360097	
620.030	09/03/2002	ML022460356	10/02/2002	ML022810450	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
620.031	09/03/2002	ML022460356	11/26/2002	ML023360097	
620.032	09/03/2002	ML022460356	10/18/2002	ML022980577	
620.033	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.034	09/03/2002	ML022460356	11/26/2002	ML023360097	
620.035	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.036	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.037	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.038	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.039	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.040	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.041	09/03/2002	ML022460356	10/02/2002	ML022810450	
620.042	09/03/2002	ML022460356	10/02/2002	ML022810450	See WCAP-15847
620.043	09/03/2002	ML022460356	10/02/2002 02/21/2003	ML022810450 ML030560120	
620.044	05/20/2003	ML030900588	Note 1	Note 1	See DSER OI 18.3.3.1-1
630.001	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.002	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.003	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.004	09/30/2002	ML022700053	10/18/2002 12/02/2002	ML022980577 ML023400215	
630.005	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.006	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.007	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.008	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.009	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.010	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.011	09/30/2002	ML022700053	12/02/2002	ML023400215	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
630.012	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.013	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.014	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.015	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.016	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.017	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.018	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.019	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.020	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.021	09/30/2002	ML022700053	12/02/2002 04/07/2003	ML023400215 ML030990626	
630.022	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.023	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.024	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.025	09/30/2002	ML022700053	12/02/2002 03/28/2003	ML023400215 ML030910636	
630.026	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.027	09/30/2002	ML022700053	12/02/2002 03/28/2003	ML023400215 ML030910636	
630.028	09/30/2002	ML022700053	12/02/2002 03/28/2003 03/31/2003	ML023400215 ML030910636 ML030940206	
630.029	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.030	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.031	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.032	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.033	09/30/2002	ML022700053	12/02/2002	ML023400215	
630.034	09/30/2002	ML022700053	12/02/2002	ML023230385	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
630.035	09/30/2002	ML022700053	12/02/2002	ML023230385	
630.036	09/30/2002	ML022700053	12/02/2002	ML023230385	
630.037	09/30/2002	ML022700053	12/02/2002	ML023230385	
630.038	09/30/2002	ML022700053	12/02/2002	ML023230385	
630.039	09/30/2002	ML022700053	12/02/2002 03/28/2003	ML023230385 ML030910636	
630.040	09/30/2002	ML022700053	12/02/2002	ML023230385	
630.041	09/30/2002	ML022700053	12/02/2002	ML023230385	
630.042	09/30/2002	ML022700053	12/02/2002	ML023230385	
630.043	09/30/2002	ML022700053	12/02/2002	ML023230385	
630.044	09/30/2002	ML022700053	12/02/2002	ML023230385	
630.045	09/30/2002	ML022700053	12/02/2002 03/28/2003	ML023230385 ML030910636	
630.046	09/30/2002	ML022700053	12/02/2002	ML023230385	
630.047	09/30/2002	ML022700053	12/02/2002	ML023230385	
630.048	09/30/2002	ML022700053	12/02/2002	ML023230385	
630.049	09/30/2002	ML022700053	12/02/2002	ML023230385	
630.050	09/30/2002	ML022700053	12/02/2002	ML023230385	
630.051	09/30/2002	ML022700053	12/02/2002	ML023230385	
630.052	09/30/2002	ML022700053	12/02/2002 03/31/2003	ML023230385 ML030940206	See DSER OI 15.3.7-1
630.053	09/30/2002	ML022700053	12/02/2002	ML023230385	
640.001	09/30/2002	ML022680338	11/01/2002	ML023110249	
650.001	01/21/2003	ML030150345	02/21/2003 04/24/2003	ML030560120 ML031180036	See DSER OI 6.2.1.8.3-1
650.002	01/21/2003	ML030150345	02/21/2003	ML030560120	
650.003	01/21/2003	ML030150345	02/21/2003 04/09/2003	ML030560120 ML031010006	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
650.004	01/21/2003	ML030150345	02/21/2003 04/24/2003	ML030560120 ML031180036	See DSER OI 6.2.1.8.2-1
650.005	01/21/2003	ML030150345	02/21/2003 04/24/2003	ML030560120 ML031180036	See DSER OI 6.2.1.8.3-3
650.006	01/21/2003	ML030150345	02/21/2003 04/24/2003	ML030560120 ML031180036	See DSER OI 6.2.1.8.3-2
720.001	08/16/2002	ML022280379	09/10/2002	ML022560265	
720.002	09/05/2002	ML022480440	10/18/2002	ML022980577	
720.003	09/05/2002	ML022480440	10/18/2002	ML022980577	
720.004	09/05/2002	ML022480440	10/02/2002	ML022810450	
720.005	09/05/2002	ML022480440	11/26/2002 02/21/2003	ML023360097 ML030560120	
720.006	09/05/2002	ML022480440	11/01/2002	ML023110249	
720.007	09/05/2002	ML022480440	10/02/2002	ML022810450	
720.008	09/05/2002	ML022480440	10/18/2002	ML022980577	
720.009	09/05/2002	ML022480440	10/18/2002 04/01/2003 05/06/2003	ML022980577 ML030940537 ML031280204	See DSER OI 19.1.10.1-5
720.010	09/05/2002	ML022480440	10/18/2002 03/25/2003	ML022980577 ML030870010	
720.011	09/05/2002	ML022480440	10/02/2002	ML022810450	
720.012	09/05/2002	ML022480440	11/26/2002 04/01/2003	ML023360097 ML030940537	See DSER OI 19.1.10.1-5
720.013	09/05/2002	ML022480440	12/02/2002 03/31/2003	ML023400058 ML030940206	See DSER OI 19.1.10.1-5
720.014	09/05/2002	ML022480440	10/02/2002	ML022810450	See DSER OI 19.1.10.1-5
720.015	09/05/2002	ML022480440	11/01/2002	ML023110249	
720.016	09/05/2002	ML022480440	10/02/2002	ML022810450	
720.017	09/05/2002	ML022480440	11/08/2002 04/01/2003	ML023170535 ML030940537	See DSER OI 19.1.10.1-5

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
720.018	09/05/2002	ML022480440	12/02/2002	ML023400058	
720.019	09/05/2002	ML022480440	10/02/2002	ML022810450	
720.020	09/05/2002	ML022480440	10/02/2002	ML022810450	
720.021	09/05/2002	ML022480440	11/26/2002 03/31/2003	ML023360097 ML030940206	See DSER OI 19.1.10.1-5
720.022	09/05/2002	ML022480440	10/18/2002	ML022980577	
720.023	09/05/2002	ML022480440	11/15/2002	ML023230385	
720.024	09/05/2002	ML022480440	11/15/2002 04/01/2003	ML023230385 ML030940537	See DSER OI 19.1.10.1-5
720.025	09/05/2002	ML022480440	12/02/2002 03/31/2003	ML023400058 ML030940206	See DSER OI 19.1.10.1-5
720.026	09/05/2002	ML022480440	10/18/2002 03/25/2003	ML022980577 ML030870010	
720.027	09/25/2002	ML022620614	11/01/2002 03/25/2003	ML023110249 ML030870010	See DSER OIs 19.1.10.1-3 and 19.1.10.1-4
720.028	09/25/2002	ML022620614	11/01/2002 03/25/2003	ML023110249 ML030870010	
720.029	09/25/2002	ML022620614	12/02/2002 03/28/2003	ML023400058 ML030910636	
720.030	09/25/2002	ML022620614	12/02/2002 03/28/2003	ML023400058 ML030870010	See DSER OI 19.1.10.1-3
720.031	09/25/2002	ML022620614	11/01/2002	ML023110249	
720.032	09/25/2002	ML022620614	11/01/2002	ML023110249	
720.033	09/25/2002	ML022620614	11/08/2002 03/28/2003	ML023170535 ML030910636	
720.034	09/25/2002	ML022620614	10/02/2002	ML022810450	
720.035	09/25/2002	ML022620614	11/26/2002	ML023360097	See DSER OI 19.1.10.1-1
720.036	09/25/2002	ML022620614	10/18/2002	ML022980577	
720.037	09/25/2002	ML022620614	11/26/2002 04/01/2003	ML023360097 ML030940537	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
720.038	09/25/2002	ML022620614	11/15/2002 03/28/2003 04/14/2003	ML023230385 ML030910636 ML031060540	See DSER OIs 19.1.10.1-2, 19.1.10.2-3, 19.1.10.2-5, 19.1.10.2-6, and 19.3.10-1
720.039	09/25/2002	ML022620614	12/02/2002 03/31/2003 04/04/2003	ML023400215 ML030940206 ML030980094	See DSER OI 19.1.10.1-3
720.040	09/25/2002	ML022620614	11/15/2002	ML023230385	
720.041	09/27/2002	ML022670315	11/26/2002	ML023360097	
720.042	09/27/2002	ML022670315	12/02/2002 04/01/2003	ML023400058 ML030940537	
720.043	09/27/2002	ML022670315	11/26/2002 03/31/2003	ML023360097 ML030940206	
720.044	09/27/2002	ML022670315	11/15/2002	ML023230385	
720.045	09/27/2002	ML022670315	11/26/2002	ML023360097	
720.046	09/27/2002	ML022670315	11/15/2002 03/25/2003	ML023230385 ML030870010	
720.047	09/27/2002	ML022670315	11/15/2002	ML023230385	
720.048	09/27/2002	ML022670315	11/26/2002 03/31/2003	ML023360097 ML030940206	
720.049	09/27/2002	ML022670315	11/15/2002	ML023230385	
720.050	09/27/2002	ML022670315	11/26/2002 03/31/2003	ML023360097 ML030940206	
720.051	09/27/2002	ML022670315	11/26/2002	ML023360097	
720.052	09/27/2002	ML022670315	10/18/2002	ML022980577	
720.053	09/27/2002	ML022670315	12/02/2002 03/25/2003	ML023400058 ML030870010	
720.054	09/27/2002	ML022670315	11/26/2002	ML023360097	
720.055	09/27/2002	ML022670315	11/15/2002	ML023230385	
720.056	09/27/2002	ML022670315	12/02/2002 04/04/2003	ML023400058 ML030980094	
720.057	09/27/2002	ML022670315	11/15/2002	ML023230385	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
720.058	09/27/2002	ML022670315	12/02/2002 03/17/2003	ML023400058 ML030790351	
720.059	09/27/2002	ML022670315	11/01/2002	ML023110249	
720.060	09/27/2002	ML022670315	12/02/2002 03/31/2003	ML023400058 ML030940206	See DSER OI 19.4-1
720.061	09/27/2002	ML022670315	11/26/2002	ML023360097	
720.062	09/27/2002	ML022670315	11/01/2002	ML023110249	
720.063	09/27/2002	ML022670315	12/02/2002	ML023400058	
720.064	09/27/2002	ML022670315	11/26/2002	ML023360097	
720.065	09/27/2002	ML022670315	11/26/2002 03/28/2003	ML023360097 ML030910636	
720.066	09/27/2002	ML022670315	11/08/2002	ML023170535	
720.067	09/27/2002	ML022670315	11/26/2002	ML023360097	
720.068	09/27/2002	ML022670315	11/26/2002	ML023360097	
720.069	09/27/2002	ML022670315	11/08/2002	ML023170535	
720.070	09/27/2002	ML022670315	11/15/2002 04/04/2003	ML023230385 ML030980094	
720.071	09/27/2002	ML022670315	11/08/2002	ML023170535	
720.072	09/27/2002	ML022670315	11/08/2002	ML023170535	
720.073	09/27/2002	ML022670315	10/18/2002	ML022980577	
720.074	09/27/2002	ML022670315	11/26/2002	ML023360097	
720.075	09/27/2002	ML022670315	11/26/2002	ML023360097	
720.076	09/27/2002	ML022670315	10/02/2002	ML022810450	
720.077	09/27/2002	ML022670315	11/01/2002	ML023110249	
720.078	09/27/2002	ML022670315	12/02/2002	ML023400058	
720.079	09/27/2002	ML022670315	11/26/2002 04/01/2003	ML023360097 ML030940537	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
720.080	09/27/2002	ML022670315	11/15/2002 04/07/2003 04/23/2003	ML023230385 ML030990626 ML031150003	
720.081	09/27/2002	ML022670315	11/01/2002	ML023110249	
720.082	09/27/2002	ML022670315	11/08/2002 03/17/2003	ML023170535 ML030790351	
720.083	09/27/2002	ML022670315	11/26/2002	ML023360097	
720.084	09/27/2002	ML022670315	11/26/2002	ML023360097	
720.085	09/27/2002	ML022670315	11/15/2002 03/17/2003	ML023230385 ML030790351	
720.086	09/27/2002	ML022670315	11/15/2002	ML023230385	
720.087	09/27/2002	ML022670315	12/02/2002	ML023400058	
720.088	09/27/2002	ML022670315	12/02/2002	ML023400058	
720.089	09/27/2002	ML022670315	11/26/2002 04/16/2003 05/12/2003 05/14/2003	ML023360097 ML031190718 ML031360025 ML031360017	
720.090	09/27/2002	ML022670315	11/26/2002	ML023360097	
720.091	09/27/2002	ML022670315	11/26/2002	ML023360097	
720.092	09/27/2002	ML022670315	11/26/2002 03/31/2003	ML023360097 ML030940206	
720.093	09/27/2002	ML022670315	11/26/2002	ML023360097	
720.094	09/27/2002	ML022670315	12/02/2002	ML023400058	
720.095	09/27/2002	ML022670315	12/02/2002 03/17/2003	ML023400058 ML030790351	
720.096	09/27/2002	ML022670315	11/26/2002 03/17/2003	ML023360097 ML030790351	
720.097	09/27/2002	ML022670315	11/15/2002	ML023230385	

RAI No.	Issue Letter(s)		Response Letter(s)		Comments
	Date	Accession No.	Date	Accession No.	
720.098	11/20/2002	ML023090219	12/02/2002	ML023400058	
720.099	03/14/2003	ML030660605	03/28/2003	ML030910636	See DSER OI 19.1.10.2-1

Note 1: This RAI became an open item in the DSER because the applicant did not issue a letter responding to the staff's request.