

## **PMBelCOL PEmails**

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**From:** Joseph Sebrosky  
**Sent:** Monday, August 04, 2008 3:42 PM  
**To:** 'andrea sterdis'; Ray, Phillip M; erg-xl@cox.net; richard.grumbir@excelservices.com; bobhirman@live.com; Spink, Thomas E  
**Cc:** Ravindra Joshi; Brian Anderson; Brian Hughes; Tanya Simms; Stephanie Coffin  
**Subject:** data for tomorrow's call  
**Attachments:** Bellefonte RAI letter index.doc; bellefonte rai status 8-4-08.xls

To all,

Attached is the RAI status and the RAI letter status to support tomorrow's call. We are having problems with the schedule status so that will not be provided for tomorrow's call.

Joe Sebrosky  
Senior Project Manager  
NRO/DNRL/NWE1  
301-415-1132

**Hearing Identifier:** Bellefonte\_COL\_Public\_EX  
**Email Number:** 1047

**Mail Envelope Properties** (Joseph.Sebrosky@nrc.gov20080804154100)

**Subject:** data for tomorrow's call  
**Sent Date:** 8/4/2008 3:41:39 PM  
**Received Date:** 8/4/2008 3:41:00 PM  
**From:** Joseph Sebrosky

**Created By:** Joseph.Sebrosky@nrc.gov

**Recipients:**

"Ravindra Joshi" <Ravindra.Joshi@nrc.gov>  
Tracking Status: None  
"Brian Anderson" <Brian.Anderson@nrc.gov>  
Tracking Status: None  
"Brian Hughes" <Brian.Hughes@nrc.gov>  
Tracking Status: None  
"Tanya Simms" <Tanya.Simms@nrc.gov>  
Tracking Status: None  
"Stephanie Coffin" <Stephanie.Coffin@nrc.gov>  
Tracking Status: None  
"andrea sterdis" <alsterdis@tva.gov>  
Tracking Status: None  
"Ray, Phillip M" <pmray@tva.gov>  
Tracking Status: None  
"erg-xl@cox.net" <erg-xl@cox.net>  
Tracking Status: None  
"richard.grumbir@excelservices.com" <richard.grumbir@excelservices.com>  
Tracking Status: None  
"bobhirman@live.com" <bobhirman@live.com>  
Tracking Status: None  
"Spink, Thomas E" <tespink@tva.gov>  
Tracking Status: None

**Post Office:**

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	302	8/4/2008 3:41:00 PM
Bellefonte RAI letter index.doc		221690
bellefonte rai status 8-4-08.xls		68090

**Options**

**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

**Bellefonte Units 3 & 4 RAI Letter (E-mail) Index**

Letter Number	eRAI Tracking Number(s)	Letter (E-mail) Author	ML Number	Date issued	Release Date	Response Due within xx days and due date	File Name	Response Date	Response ML number and comments
N/A	Seismic issue	Sebrosky	ML080450502	2/15/08	2/21/08	3/19/08	N/A	3/19/2008 5/30/2008 6/30/08	ML081070473. ML081550232. ML081850548.
001	38, 48, and 49	Joshi	ML080990812	04/10/2008	04/22/08	45 days and due date of 05/25/2008	BEL-RAI-LTR-001	5/23/08	ML081490154
002	39	Joshi	ML081080069	04/17/2008	04/25/08	45 days and due date of 06/01/2008	BEL-RAI-LTR-002	5/30/2008 7/10/2008	ML081550226 ML081960190
003	166	Joshi	ML081130525	04/22/2008	04/30/08	45 days and due date of 06/05/2008	BEL-RAI-LTR-003	6/5/08	ML081610186
004	104	Joshi	ML081140827	04/22/2008	04/29/08	45 days and due date of 06/05/2008	BEL-RAI-LTR-004	5/16/08	ML081550226
005	107	Joshi	ML081150493	04/23/2008	04/28/08	45 days and due date of 06/06/2008	BEL-RAI-LTR-005	6/5/08 & 6/26/08	ML081610185 & ML081790812
006	135	Joshi	ML081150819	04/24/2008	05/02/08	45 days and due date of 06/07/2008	BEL-RAI-LTR-006	6/5/08	ML081610184

Letter Number	eRAI Tracking Number(s)	Letter (E-mail) Author	ML Number	Date issued	Release Date	Response Due within xx days and due date	File Name	Response Date	Response ML number and comments
007	110	Joshi	ML081200506	04/28/08	05/05/08	45 days and due date of 06/12/2008	BEL-LTR-007	6/12/08	ML081680127
008	92	Simms	ML081260058	05/05/08	05/06/08	45 days and due date of 06/24/2008	BEL-RAI-LTR-008	06/11/08	ML081640483
009	94	Simms	ML081270253	05/08/08	05/16/08	45 days and due date of 06/23/2008	BEL-RAI-LTR-009	06/23/08	ML081770133
010	96	Simms	ML081300091	05/09/08	05/16/08	45 days and due date of 06/23/2008	BEL-RAI-LTR-010	06/23/08	ML081770134
011	98	Simms	ML081300722	05/09/08	05/19/08	45 days and due date of 06/24/2008	BEL-RAI-LTR-011	06/23/08	ML081770135
012	204	Joshi	ML081330542	5/12/08	05/19/08	45 days and due date of 6/26/2008	BEL-RAI-LTR-012	06/23/08	ML081770136
013	066	Anderson	ML081330515	5/12/08	5/19/08	45 days; 06/26/2008	BEL-RAI-LTR-013	6/26/08	ML081790811
014	089	Anderson	ML081330593	5/12/08	5/19/08	30 days; 06/11/2008	BEL-RAI-LTR-014	06/11/08	ML081640484

Letter Number	eRAI Tracking Number(s)	Letter (E-mail) Author	ML Number	Date issued	Release Date	Response Due within xx days and due date	File Name	Response Date	Response ML number and comments
015	136	Anderson	ML081330628	5/12/08	5/19/08	30 days; 06/11/2008	BEL-RAI-LTR-015	06/11/08	ML081640486
016	137	Anderson	ML081330640	5/12/08	5/19/08	45 days; 06/26/2008	BEL-RAI-LTR-016	6/24/08	ML081780171
017	172	Anderson	ML081340409	5/13/08	5/20/08	45 days; 06/27/2008	BEL-RAI-LTR-017	6/26/08	ML081790597
018	169	Anderson	ML081340606	5/13/08	5/20/08	45 days; 06/27/2008	BEL-RAI-LTR-018	6/27/08	ML081830410
019	118	Anderson	ML081340627	5/13/08	5/20/08	45 days; 06/27/2008	BEL-RAI-LTR-019	06/11/08	ML081640485
020	99	Simms	ML081480357	5/13/08 Resent 6/3/08	6/2/08	45 days from sent date 07/18/2008	BEL-RAI-LTR-020	7/10/08	ML081960192
021	101	Anderson	ML081360305	5/15/08	5/21/08	45 days; 06/29/2008	BEL-RAI-LTR-021	06/26/08	ML081790813
022	232	Sebrosky	ML081410822	5/20/08	5/29/08	30 days; 6/19/2008	BEL-RAI-LTR-022	6/12/2008	ML081680126 Partial response
023	76, 79, 80, and 81	Sebrosky	ML081420438	5/21/08	5/30/08	45 days; 7/7/2008	BEL-RAI-LTR-023	7/3/08	ML081900153
024	82	Sebrosky	ML081430663	5/21/08	6/2/08	45 days 7/7/2008	BEL-RAI-LTR-024	7/3/08	ML081900154

Letter Number	eRAI Tracking Number(s)	Letter (E-mail) Author	ML Number	Date issued	Release Date	Response Due within xx days and due date	File Name	Response Date	Response ML number and comments
025	175	Simms	ML081440255	5/23/08	5/30/08	30 days 7/10/2008	BEL-RAI-LTR-025	6/24/08	ML081780173
026	177	Simms	ML081440628	5/23/08	5/30/08	30 days 7/10/2008	BEL-RAI-LTR-026	7/09/08	ML081960725
027	171	Anderson	ML081490339	5/28/08	6/4/08	30 days; 6/27/08	BEL-RAI-LTR-027	6/24/08	ML081780172
028	239	Anderson	ML081490371	5/28/08	6/4/08	45 days; 7/12/08	BEL-RAI-LTR-028	6/30/08	ML081840259
029	268	Anderson	ML081550660	6/3/08	6/10/08	45 days; 7/18/08	BEL-RAI-LTR-029		
030	326	Joshi	ML081580010	6/6/08	6/13/08	30 days 7/7/08	BEL-RAI-LTR-030		
031	302,303, 304,305	Joshi	ML081580057	6/6/08	6/13/08	45 days 7/22/08	BEL-RAI-LTR-031		
032	327	Joshi	ML081580317	6/6/08	6/13/08	30days 7/7/08	BEL-RAI-LTR-032	7/7/08	ML081910137
033	306,307	Joshi	ML081580384	6/6/08	6/13	45 days 7/22/08	BEL-RAI-LTR-033		
034	337	Sebrosky	ML081610505	6/9/08	6/15/08	30 days 7/9/08	BEL-RAI-LTR-034	7/8/08	ML081990513

Letter Number	eRAI Tracking Number(s)	Letter (E-mail) Author	ML Number	Date issued	Release Date	Response Due within xx days and due date	File Name	Response Date	Response ML number and comments
035	338	Sebrosky	ML081610519	6/9/08	6/15/08	30 days 7/9/08	BEL-RAI-LTR-035	7/8/08	ML081990514
036	339	Sebrosky	ML081610517	6/9/08	6/15/08	30 days 7/9/08	BEL-RAI-LTR-036	7/9/08	ML081960687
037	274	Anderson	ML081620440	6/10/08	6/16/08	45 days; 7/25/08	BEL-RAI-LTR-037	7/21/08	ML082050166
038	275	Anderson	ML081620453	6/10/08	6/16/08	45 days; 7/25/08	BEL-RAI-LTR-038	7/21/08	ML082050165
039	325	Anderson	ML081630409	6/11/08	6/17/08	45 days; 7/26/08	BEL-RAI-LTR-039	7/10/08	ML081960191
040	201	Simms	ML081690158	6/17/08	6/24/08	30 days 7/17/2008	BEL-RAI-LTR-040	7/16/08	ML081990511
041	330	Joshi	ML081700272	6/18/08	6/25/08	45 days 8/4/08	BEL-RAI-LTR-041		
042	278	Simms	ML081710481	6/19/08	6/26/08	30 days 7/21/2008	BEL-RAI-LTR-042	7/18/08	ML082050167
043	310,311	Joshi	ML081710752	6/19/08	6/26/08	45 days 8/5/2008	BEL-RAI-LTR-043		
044	322	Simms	ML081720103	6/20/08	6/27/08	30 days 7/22/2008	BEL-RAI-LTR-044	7/18/08	ML082050162

Letter Number	eRAI Tracking Number(s)	Letter (E-mail) Author	ML Number	Date issued	Release Date	Response Due within xx days and due date	File Name	Response Date	Response ML number and comments
045	323	Simms	ML081720112	6/20/08	6/27/08	30 days 7/22/2008	BEL-RAI-LTR-045	7/18/08	ML082040365
046	317	Simms	ML081720135	6/20/08	6/27/08	30 days 7/22/2008	BEL-RAI-LTR-046	7/17/08	ML082030225
047	299	Joshi	ML081720232	6/20/08	6/27/08	45 days 8/6/2008	BEL-RAI-LTR-047	7/23/08	ML082070071
048	198	Joshi	ML081720308	6/20/08	6/27/08	45days 8/6/08	BEL-RAI-LTR-048	7/23/08	ML082070072
049	273	Simms	ML081720348	6/20/08	6/27/08	30 days 7/22/2008	BEL-RAI-LTR-049	7/18/08	ML082040366
050	364	Simms	ML081770013	6/25/08	7/01/08	45 days 8/09/2008	BEL-RAI-LTR-050		
051	335, 346, 348, and 350	Joshi	ML081770070	6/25/08	7/01/08	45 days 08/09/08	BEL-RAI-LTR-051	7/25/08	ML082100393
052	336 and 349	Joshi	ML081770079	6/25/08	7/01/08	45 days 08/09/08	BEL-RAI-LTR-052	7/25/08	ML082100394
053	496	Joshi	ML081790160	6/27/08	7/03/08	45 days 08/11/08	BEL-RAI-LTR-053	7/23/08	ML082070070
054	295	Simms	ML081820018	6/29/08	7/06/08	45 days 8/14/2008	BEL-RAI-LTR-054		



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055	294	Simms	ML081820035	6/30/08	7/06/08	30 days 7/30/2008	BEL-RAI-LTR-055	7/23/08	ML082070073
056	319	Simms	ML081820402	6/30/08	7/06/08	45 days 8/14/2008	BEL-RAI-LTR-056		
057	316	Simms	ML081820311	6/30/08	7/06/08	45 days 8/14/2008	BEL-RAI-LTR-057		
058	298	Simms	ML081830180	7/01/08	7/07/08	45 days 8/15/2008	BEL-RAI-LTR-058		
059	365	Simms	ML081830611	7/01/08	7/07/08	45 days 8/15/2008	BEL-RAI-LTR-059		
060	369	Simms	ML081830647	7/01/08	7/07/08	45 days 8/15/2008	BEL-RAI-LTR-060		
061	291	Simms	ML081840267	7/02/08	7/08/08	45 days 8/18/2008	BEL-RAI-LTR-061		
062	396, 397, 404, 405, 406	Sebrosky	ML081850079	7/3/08	7/9/08	30 days 08/04/2008	BEL-RAI-LTR-062		
063	407, 408, 409, 427	Sebrosky	ML081850165	7/3/08	7/9/08	30 days 08/04/2008	BEL-RAI-LTR-063		
064	422	Sebrosky	ML081850252	7/3/08	7/9/08	30 days 8/4/08	BEL-RAI-LTR-064		

Letter Number	eRAI Tracking Number(s)	Letter (E-mail) Author	ML Number	Date issued	Release Date	Response Due within xx days and due date	File Name	Response Date	Response ML number and comments
065	440	Sebrosky	ML081850307	7/3/08	7/9/08	30 days 8/4/08	BEL-RAI-LTR-065		
066	439	Joshi	ML081890047	7/7/08	7/13/08	45 days 8/21/08	BEL-RAI-LTR-066		
067	426	Sebrosky	ML081890177	7/7/08	7/13/08	30 days 8/7/08	BEL-RAI-LTR-067		
068	292	Simms	ML081910104	7/09/08	7/15/08	45 days 8/25/2008	BEL-RAI-LTR-068		
069	387	Anderson	ML081930257	7/11/08	7/17/08	30 days 8/11/08	BEL-RAI-LTR-069		
070	351	Anderson	ML081930381	7/11/08	7/17/08	45 days 8/25/08	BEL-RAI-LTR-070		
071	671	Joshi	ML081980025	7/16/08	7/22/08	45 days 9/2/008	BEL-RAI-LTR-071		
072	521	Sebrosky	ML081980026	7/16/08	7/22/08	30 days 8/15/08	BEL-RAI-LTR-072		
073	522	Sebrosky	ML081980027	7/16/08	7/22/08	30 days 8/15/08	BEL-RAI-LTR-073		
074	77	Joshi	ML081980777	7/16/08	7/22/08	45days 9/2/08	BEL-RAI-LTR-074		

Letter Number	eRAI Tracking Number(s)	Letter (E-mail) Author	ML Number	Date issued	Release Date	Response Due within xx days and due date	File Name	Response Date	Response ML number and comments
075	450	Sebrosky	ML081980787	7/16/08	7/22/08	30 days 8/15/08	BEL-RAI-LTR-075		
076	535	Sebrosky	ML081980789	7/16/08	7/22/08	30 days 8/15/08	BEL-RAI-LTR-076		
077	518	Sebrosky	ML081980790	7/16/08	7/22/08	30 days 8/15/08	BEL-RAI-LTR-077		
078	344	Anderson	ML082000954	7/18/08	7/24/08	45 days 9/1/08	BEL-RAI-LTR-078		
079	357	Anderson	ML082001068	7/18/08	7/24/08	45 days 9/1/08	BEL-RAI-LTR-079		
080	472	Anderson	ML082001069	7/18/08	7/24/08	45 days 9/1/08	BEL-RAI-LTR-080		
081	473	Anderson	ML082001071	7/18/08	7/24/08	45 days 9/1/08	BEL-RAI-LTR-081		
082	398	Sebrosky	ML081990598	7/17/08	7/23/08	30 days 8/18/08	BEL-RAI-LTR-082		
083	459	Joshi	ML082030028	7/21/08	7/27/08	45 days 9/5/08	BEL-RAI-LTR-083		
084	290	Anderson for Simms	ML082030667	7/21/08	7/27/08	45 days 9/5/08	BEL-RAI-LTR-084		

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085	524	Anderson for Simms	ML082030670	7/21/08	7/27/08	30 days 8/21/08	BEL-RAI-LTR-085		
086	712	Anderson for Simms	ML082030697	7/21/08	7/27/08	45 days 9/5/08	BEL-RAI-LTR-086		
087	767	Joshi	ML082040996	7/22/08	7/28/08	30 days 8/22/08	BEL-RAI-LTR-086		
088	415	Joshi for Sebrosky	ML082070492	7/25/08	7/31/08	30 days 8/25/08	BEL-RAI-LTR-088		
089	537	Simms	ML082100046	7/28/08	8/03/08	45 days 9/12/2008	BEL-RAI-LTR-089		
090	743	Joshi	ML082110530	7/29/08	8/5/08	30 days 8/29/08	BEL-RAI-LTR-090		
091	656	Simms	ML082120122	7/30/08	8/05/08	30 days 8/29/2008	BEL-RAI-LTR-91		
092	51	Simms	ML082140290	7/31/08	8/06/08	30 days 8/30/2008	BEL-RAI-LTR-92		
093	778	Anderson	ML082170030	8/4/08	8/10/08	30 days 9/3/2008	BEL-RAI-LTR-93		
094	461	Sebrosky	ML082140106	8/1/08	8/7/08	30 days 8/31/2008	BEL-RAI-LTR-94		

<b>Letter Number</b>	<b>eRAI Tracking Number(s)</b>	<b>Letter (E-mail) Author</b>	<b>ML Number</b>	<b>Date issued</b>	<b>Release Date</b>	<b>Response Due within xx days and due date</b>	<b>File Name</b>	<b>Response Date</b>	<b>Response ML number and comments</b>
095	467	Sebrosky	ML082140124	8/1/08	8/7/08	30 days 8/31/08	BEL-RAI-LTR-95		
096	414	Sebrosky	ML082170318	8/4/08	8/10/08	30 days 9/3/08	BEL-RAI-LTR-96		

Bellefonte RAI status 8/4/08				
ID	Branch	SRP Section	Status	Notes
RAI 321	Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)	01 - Introduction and Interfaces	In Final Review	*
RAI 322	Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)	01 - Introduction and Interfaces	In Evaluation	
RAI 323	Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)	01 - Introduction and Interfaces	In Evaluation	
RAI 364	Instrumentation, Controls and Electrical Engineering 1 (AP1000/EPR Projects) (ICE1)	01 - Introduction and Interfaces	Issued/Waiting for Response	
RAI 365	Instrumentation, Controls and Electrical Engineering 1 (AP1000/EPR Projects) (ICE1)	01 - Introduction and Interfaces	Issued/Waiting for Response	
RAI 439	AP1000 Projects Branch 1 (NWE1)	01 - Introduction and Interfaces	Issued/Waiting for Response	
RAI 611	Health Physics Branch (CHPB)	01 - Introduction and Interfaces	In OGC Review	*
RAI 671	AP1000 Projects Branch 1 (NWE1)	01 - Introduction and Interfaces	Issued/Waiting for Response	
RAI 767	AP1000 Projects Branch 1 (NWE1)	01 - Introduction and Interfaces	Issued/Waiting for Response	
RAI 337	Siting and Accident Conseq Branch (RSAC)	02.01.03 - Population Distribution	Issued/Waiting for Response	
RAI 338	Siting and Accident Conseq Branch (RSAC)	02.02.01-02.02.02 - Identification of Potential Hazards in Site Vicinity	Issued/Waiting for Response	
RAI 339	Siting and Accident Conseq Branch (RSAC)	02.02.03 - Evaluation of Potential Accidents	Issued/Waiting for Response	
RAI 232	Siting and Accident Conseq Branch (RSAC)	02.03.01 - Regional Climatology	Issued/Waiting for Response	
RAI 415	Siting and Accident Conseq Branch (RSAC)	02.03.01 - Regional Climatology	Issued/Waiting for Response	
RAI 856	Siting and Accident Conseq Branch (RSAC)	02.03.01 - Regional Climatology	In Final Review	*draft provided to TVA 8/1/08
RAI 518	Siting and Accident Conseq Branch (RSAC)	02.03.02 - Local Meteorology	Issued/Waiting for Response	
RAI 857	Siting and Accident Conseq Branch (RSAC)	02.03.02 - Local Meteorology	In OGC Review	*rewrite of 4th question of erai 414 no additional phone call planned
RAI 414	Siting and Accident Conseq Branch (RSAC)	02.03.03 - Onsite Meteorological Measurements Programs	Issued/Waiting for Response	
RAI 450	Siting and Accident Conseq Branch (RSAC)	02.03.03 - Onsite Meteorological Measurements Programs	Issued/Waiting for Response	
RAI 461	Siting and Accident Conseq Branch (RSAC)	02.03.04 - Short Term Atmospheric Dispersion Estimates for Accident Releases	Issued/Waiting for Response	
RAI 937	Siting and Accident Conseq Branch (RSAC)	02.03.04 - Short Term Atmospheric Dispersion Estimates for Accident Releases	In OGC Review	*new rai
RAI 467	AP1000 Projects Branch 1 (NWE1)	02.03.05 - Long-Term Atmospheric Dispersion Estimates for Routine Releases	Issued/Waiting for Response	
RAI 535	Siting and Accident Conseq Branch (RSAC)	02.03.05 - Long-Term Atmospheric Dispersion Estimates for Routine Releases	Issued/Waiting for Response	
RAI 422	Hydrologic Engineering Branch (RHEB)	02.04.02 - Floods	Issued/Waiting for Response	
RAI 398	Hydrologic Engineering Branch (RHEB)	02.04.03 - Probable Maximum Flood (PMF) on Streams and Rivers	Issued/Waiting for Response	

ID	Branch	SRP Section	Status	Notes
RAI 440	Hydrologic Engineering Branch (RHEB)	02.04.06 - Probable Maximum Tsunami Flooding	Issued/Waiting for Response	
RAI 396	Hydrologic Engineering Branch (RHEB)	02.04.12 - Groundwater	Issued/Waiting for Response	
RAI 397	Hydrologic Engineering Branch (RHEB)	02.04.12 - Groundwater	Issued/Waiting for Response	
RAI 404	Hydrologic Engineering Branch (RHEB)	02.04.12 - Groundwater	Issued/Waiting for Response	
RAI 405	Hydrologic Engineering Branch (RHEB)	02.04.12 - Groundwater	Issued/Waiting for Response	
RAI 406	Hydrologic Engineering Branch (RHEB)	02.04.12 - Groundwater	Issued/Waiting for Response	
RAI 426	Hydrologic Engineering Branch (RHEB)	02.04.12 - Groundwater	Issued/Waiting for Response	
RAI 521	Hydrologic Engineering Branch (RHEB)	02.04.12 - Groundwater	Issued/Waiting for Response	
RAI 407	Hydrologic Engineering Branch (RHEB)	02.04.13 - Accidental Releases of Radioactive Liquid Effluents in Ground and Surface Waters	Issued/Waiting for Response	
RAI 408	Hydrologic Engineering Branch (RHEB)	02.04.13 - Accidental Releases of Radioactive Liquid Effluents in Ground and Surface Waters	Issued/Waiting for Response	
RAI 409	Hydrologic Engineering Branch (RHEB)	02.04.13 - Accidental Releases of Radioactive Liquid Effluents in Ground and Surface Waters	Issued/Waiting for Response	
RAI 427	Hydrologic Engineering Branch (RHEB)	02.04.13 - Accidental Releases of Radioactive Liquid Effluents in Ground and Surface Waters	Issued/Waiting for Response	
RAI 522	Hydrologic Engineering Branch (RHEB)	02.04.13 - Accidental Releases of Radioactive Liquid Effluents in Ground and Surface Waters	Issued/Waiting for Response	
RAI 17	Geosciences and Geotechnical Engineering Branch 1 (RGS1)	02.05.02 - Vibratory Ground Motion	In Evaluation	
RAI 783	Geosciences and Geotechnical Engineering Branch 2 (RGS2)	02.05.02 - Vibratory Ground Motion	In TBC Review	* 2.5.2 does not have 8/8 due date
RAI 743	Geosciences and Geotechnical Engineering Branch 2 (RGS2)	02.05.03 - Surface Faulting	Issued/Waiting for Response	
RAI 690	Geosciences and Geotechnical Engineering Branch 2 (RGS2)	02.05.04 - Stability of Subsurface Materials and Foundations	In Final Review	*
RAI 582	Engineering Mechanics Branch 1 (AP1000/EPR Projects) (EMB1)	03.02.01 - Seismic Classification	In Final Review	*draft provided to TVA on ?
RAI 583	Engineering Mechanics Branch 1 (AP1000/EPR Projects) (EMB1)	03.02.01 - Seismic Classification	In OGC Review	*
RAI 584	Engineering Mechanics Branch 1 (AP1000/EPR Projects) (EMB1)	03.02.01 - Seismic Classification	In OGC Review	*
RAI 585	Engineering Mechanics Branch 1 (AP1000/EPR Projects) (EMB1)	03.02.01 - Seismic Classification	In Final Review	*draft provided to TVA on ?
RAI 586	Engineering Mechanics Branch 1 (AP1000/EPR Projects) (EMB1)	03.02.02 - System Quality Group Classification	In Final Review	*draft provided to TVA on ?
RAI 587	AP1000 Projects Branch 1 (NWE1)	03.02.02 - System Quality Group Classification	In OGC Review	
RAI 588	Engineering Mechanics Branch 1 (AP1000/EPR Projects) (EMB1)	03.02.02 - System Quality Group Classification	In Final Review	*draft provided to TVA on ?
RAI 589	Engineering Mechanics Branch 1 (AP1000/EPR Projects) (EMB1)	03.02.02 - System Quality Group Classification	In Final Review	*draft provided to TVA on ?
RAI 496	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	03.05.01.03 - Turbine Missiles	Issued/Waiting for Response	
RAI 486	Siting and Accident Conseq Branch (RSAC)	03.05.01.06 - Aircraft Hazards	In Final Review	*draft provided to TVA on ?

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RAI 569	Engineering Mechanics Branch 2 (ESBWR/ABWR Projects) (EMB2)	03.06.02 - Determination of Rupture Locations and Dynamic Effects Associated with the Postulated Rupture of Piping	In Final Review	*draft provided to TVA on ?
RAI 49	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	03.06.03 - Leak-Before-Break Evaluation Procedures	In Evaluation	
RAI 691	Structural Engineering Branch 1 (AP1000/EPR Projects) (SEB1)	03.07.01 - Seismic Design Parameters	In Final Review	*draft provided to TVA on ?
RAI 523	Geosciences and Geotechnical Engineering Branch 2 (RGS2)	03.07.04 - Seismic Instrumentation	In Final Review	*draft provided to TVA on ?
RAI 649	Engineering Mechanics Branch 2 (ESBWR/ABWR Projects) (EMB2)	03.09.03 - ASME Code Class 1, 2, and 3 Components	In Final Review	*draft provided to TVA on ?
RAI 110	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	03.09.06 - Functional Design Qualification and Inservice Testing Programs for Pumps, Valves, and Dynamic Restraints	In Evaluation	
RAI 135	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	03.09.06 - Functional Design Qualification and Inservice Testing Programs for Pumps, Valves, and Dynamic Restraints	In Evaluation	
RAI 653	Engineering Mechanics Branch 2 (ESBWR/ABWR Projects) (EMB2)	03.10 - Seismic and Dynamic Qualification of Mechanical and Electrical Equipment	In Final Review	*draft provided to TVA on ?
RAI 198	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	03.11 - Environmental Qualification of Mechanical and Electrical Equipment	Issued/Waiting for Response	
RAI 82	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	05.02.01.01 - Compliance With the Codes and Standards Rule, 10 CFR 50.55a	In Evaluation	
RAI 335	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	05.02.01.01 - Compliance With the Codes and Standards Rule, 10 CFR 50.55a	In Evaluation	
RAI 346	Engineering Mechanics Branch 1 (AP1000/EPR Projects) (EMB1)	05.02.01.01 - Compliance With the Codes and Standards Rule, 10 CFR 50.55a	In Evaluation	
RAI 348	Engineering Mechanics Branch 1 (AP1000/EPR Projects) (EMB1)	05.02.01.01 - Compliance With the Codes and Standards Rule, 10 CFR 50.55a	In Evaluation	
RAI 350	Engineering Mechanics Branch 1 (AP1000/EPR Projects) (EMB1)	05.02.01.01 - Compliance With the Codes and Standards Rule, 10 CFR 50.55a	In Evaluation	
RAI 336	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	05.02.01.02 - Applicable Code Cases	In Evaluation	
RAI 349	Engineering Mechanics Branch 1 (AP1000/EPR Projects) (EMB1)	05.02.01.02 - Applicable Code Cases	In Evaluation	
RAI 38	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	05.02.03 - Reactor Coolant Pressure Boundary Materials	In Evaluation	
RAI 76	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	05.02.04 - Reactor Coolant Pressure Boundary Inservice Inspection and Testing	In Evaluation	
RAI 77	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	05.02.04 - Reactor Coolant Pressure Boundary Inservice Inspection and Testing	Issued/Waiting for Response	
RAI 79	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	05.02.04 - Reactor Coolant Pressure Boundary Inservice Inspection and Testing	In Evaluation	



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RAI 80	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	05.02.04 - Reactor Coolant Pressure Boundary Inservice Inspection and Testing	In Evaluation	
RAI 81	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	05.02.04 - Reactor Coolant Pressure Boundary Inservice Inspection and Testing	In Evaluation	
RAI 39	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	05.03.01 - Reactor Vessel Materials	In Evaluation	
RAI 107	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	05.03.02 - Pressure-Temperature Limits, Upper-Shelf Energy, and Pressurized Thermal Shock	In Evaluation	
RAI 104	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	05.03.03 - Reactor Vessel Integrity	In Evaluation	
RAI 166	AP1000 Projects Branch 1 (NWE1)	05.04.02.02 - Steam Generator Program	In Evaluation	
RAI 48	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	06.01.02 - Protective Coating Systems (Paints) - Organic Materials	In Evaluation	
RAI 326	Containment and Ventilation Branch 1 (AP1000/EPR Projects) (SPCV)	06.02.02 - Containment Heat Removal Systems	Issued/Waiting for Response	
RAI 299	Containment and Ventilation Branch 1 (AP1000/EPR Projects) (SPCV)	06.02.06 - Containment Leakage Testing	Issued/Waiting for Response	
RAI 204	Siting and Accident Conseq Branch (RSAC)	06.04 - Control Room Habitability System	In Evaluation	
RAI 327	Containment and Ventilation Branch 1 (AP1000/EPR Projects) (SPCV)	06.04 - Control Room Habitability System	In Evaluation	
RAI 537	Instrumentation, Controls and Electrical Engineering 1 (AP1000/EPR Projects) (ICE1)	07.05 - Information Systems Important to Safety	Issued/Waiting for Response	
RAI 369	Instrumentation, Controls and Electrical Engineering 1 (AP1000/EPR Projects) (ICE1)	07.09 - Data Communication Systems	Issued/Waiting for Response	
RAI 175	Electrical Engineering Branch (EEB)	08.01 - Electric Power - Introduction	In Evaluation	
RAI 177	Electrical Engineering Branch (EEB)	08.02 - Offsite Power System	In Evaluation	
RAI 290	Balance of Plant Branch 2 (ESBWR/ABWR) (SBPB)	09.01.04 - Light Load Handling System (Related to Refueling)	Issued/Waiting for Response	
RAI 291	Balance of Plant Branch 2 (ESBWR/ABWR) (SBPB)	09.01.05 - Overhead Heavy Load Handling Systems	Issued/Waiting for Response	
RAI 273	Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)	09.02.01 - Station Service Water System	In Evaluation	
RAI 712	Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)	09.02.01 - Station Service Water System	Issued/Waiting for Response	
RAI 278	Balance of Plant Branch 2 (ESBWR/ABWR) (SBPB)	09.03.03 - Equipment and Floor Drainage System	In Evaluation	
RAI 524	Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)	09.03.03 - Equipment and Floor Drainage System	Issued/Waiting for Response	
RAI 92	Fire Protection Team (SFPT)	09.05.01 - Fire Protection Program	In Evaluation	
RAI 94	Fire Protection Team (SFPT)	09.05.01 - Fire Protection Program	In Evaluation	
RAI 96	Fire Protection Team (SFPT)	09.05.01 - Fire Protection Program	In Evaluation	
RAI 97	Fire Protection Team (SFPT)	09.05.01 - Fire Protection Program	In TBC Review	*RAI will not be issued at this time
RAI 98	Fire Protection Team (SFPT)	09.05.01 - Fire Protection Program	In Evaluation	
RAI 99	Fire Protection Team (SFPT)	09.05.01 - Fire Protection Program	In Evaluation	
RAI 201	Fire Protection Team (SFPT)	09.05.01 - Fire Protection Program	In Evaluation	
RAI 292	Fire Protection Team (SFPT)	09.05.01 - Fire Protection Program	Issued/Waiting for Response	

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RAI 294	Fire Protection Team (SFPT)	09.05.01 - Fire Protection Program	In Evaluation	
RAI 295	Fire Protection Team (SFPT)	09.05.01 - Fire Protection Program	Issued/Waiting for Response	
RAI 298	Fire Protection Team (SFPT)	09.05.01 - Fire Protection Program	Issued/Waiting for Response	
RAI 315	Fire Protection Team (SFPT)	09.05.01 - Fire Protection Program	In TBC Review	*
RAI 316	Fire Protection Team (SFPT)	09.05.01 - Fire Protection Program	Issued/Waiting for Response	
RAI 317	Fire Protection Team (SFPT)	09.05.01 - Fire Protection Program	In Evaluation	
RAI 319	Fire Protection Team (SFPT)	09.05.01 - Fire Protection Program	Issued/Waiting for Response	
RAI 656	Fire Protection Team (SFPT)	09.05.01 - Fire Protection Program	Issued/Waiting for Response	
RAI 51	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	09.05.04 - Emergency Diesel Engine Fuel Oil Storage and Transfer System	Issued/Waiting for Response	
RAI 325	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	10.02.03 - Turbine Rotor Integrity	In Evaluation	
RAI 274	Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)	10.03 - Main Steam Supply System	In Evaluation	
RAI 169	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	10.03.06 - Steam and Feedwater System Materials	In Evaluation	
RAI 275	Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)	10.04.05 - Circulating Water System	In Evaluation	
RAI 906	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)	10.04.06 - Condensate Cleanup System	In Final Review	*draft provided to TVA on ?
RAI 268	Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)	10.04.07 - Condensate and Feedwater System	In Evaluation	
RAI 301	AP1000 Projects Branch 1 (NWE1)	11.01 - Source Terms	In Final Review	RAI will not be sent
RAI 302	Health Physics Branch (CHPB)	11.02 - Liquid Waste Management System	Issued/Waiting for Response	
RAI 303	Health Physics Branch (CHPB)	11.02 - Liquid Waste Management System	Issued/Waiting for Response	
RAI 304	Health Physics Branch (CHPB)	11.02 - Liquid Waste Management System	Issued/Waiting for Response	
RAI 305	Health Physics Branch (CHPB)	11.02 - Liquid Waste Management System	Issued/Waiting for Response	
RAI 330	Balance of Plant Branch 2 (ESBWR/ABWR) (SBPB)	11.02 - Liquid Waste Management System	Issued/Waiting for Response	
RAI 306	Health Physics Branch (CHPB)	11.03 - Gaseous Waste Management System	Issued/Waiting for Response	
RAI 307	Health Physics Branch (CHPB)	11.03 - Gaseous Waste Management System	Issued/Waiting for Response	
RAI 358	Health Physics Branch (CHPB)	11.04 - Solid Waste Management System	In Final Review	RAI will not be sent
RAI 310	Health Physics Branch (CHPB)	11.05 - Process and Effluent Radiological Monitoring Instrumentation and Sampling Systems	Issued/Waiting for Response	
RAI 311	Health Physics Branch (CHPB)	11.05 - Process and Effluent Radiological Monitoring Instrumentation and Sampling Systems	Issued/Waiting for Response	
RAI 308	Health Physics Branch (CHPB)	11-05 Branch Technical Position - Postulated Radioactive Releases Due to a Waste Gas System Leak or Failure	In Final Review	RAI will not be sent

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RAI 612	Health Physics Branch (CHPB)	12.01 - Assuring that Occupational Radiation Exposures Are As Low as is Reasonably Achievable	In Final Review	*draft provided to TVA on ?
RAI 613	Health Physics Branch (CHPB)	12.03-12.04 - Radiation Protection Design Features	In Final Review	*draft provided to TVA on ?
RAI 863	Health Physics Branch (CHPB)	12.03-12.04 - Radiation Protection Design Features	In OGC Review	*
RAI 865	Health Physics Branch (CHPB)	12.03-12.04 - Radiation Protection Design Features	In Final Review	*draft provided to TVA on ?
RAI 868	Health Physics Branch (CHPB)	12.03-12.04 - Radiation Protection Design Features	In Final Review	*draft provided to TVA on ?
RAI 866	Health Physics Branch (CHPB)	12.05 - Operational Radiation Protection Program	In OGC Review	*
RAI 867	Health Physics Branch (CHPB)	12.05 - Operational Radiation Protection Program	Pending Review	rai to be cancelled
RAI 473	Operating Licensing and Human Performance Branch (AP1000/EPR Projects) (COLP)	13.02.01 - Reactor Operator Requalification Program; Reactor Operator Training	Issued/Waiting for Response	
RAI 387	Licensing and Inspection Branch (NSIR/DPR/LIB (EP))	13.03 - Emergency Planning	Issued/Waiting for Response	
RAI 646	Licensing and Inspection Branch (NSIR/DPR/LIB (EP))	13.03 - Emergency Planning	In Final Review	*draft provided to TVA on 8/4/08
RAI 778	Licensing and Inspection Branch (NSIR/DPR/LIB (EP))	13.03 - Emergency Planning	Issued/Waiting for Response	
RAI 472	Operating Licensing and Human Performance Branch (AP1000/EPR Projects) (COLP)	13.05.01.01 - Administrative Procedures - General	Issued/Waiting for Response	
RAI 498	Operating Licensing and Human Performance Branch (AP1000/EPR Projects) (COLP)	13.05.02.01 - Operating and Emergency Operating Procedures	In Final Review	rai to be cancelled
RAI 934	Operating Licensing and Human Performance Branch (AP1000/EPR Projects) (COLP)	13.05.02.01 - Operating and Emergency Operating Procedures	In OGC Review	No phone call needed related to previous phone call
RAI 101	Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)	14.02 - Initial Plant Test Program - Design Certification and New License Applicants	In Evaluation	
RAI 118	Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)	14.02 - Initial Plant Test Program - Design Certification and New License Applicants	In Evaluation	
RAI 172	Electrical Engineering Branch (EEB)	14.02 - Initial Plant Test Program - Design Certification and New License Applicants	In Evaluation	
RAI 239	Fire Protection Team (SFPT)	14.02 - Initial Plant Test Program - Design Certification and New License Applicants	In Evaluation	
RAI 713	Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)	14.02 - Initial Plant Test Program - Design Certification and New License Applicants	In Final Review	*
RAI 171	Electrical Engineering Branch (EEB)	14.03 - Inspections, Tests, Analyses, and Acceptance Criteria	In Evaluation	
RAI 552	Construction Inspection and Allegations Branch (CCIB)	14.03.10 - Emergency Planning - Inspections, Tests, Analyses, and Acceptance Criteria	In Final Review	to be dropped
RAI 209	AP1000 Projects Branch 1 (NWE1)	15.06.05 - Loss of Coolant Accidents Resulting From Spectrum of Postulated Piping Breaks Within the Reactor Coolant Pressure Boundary	In OGC Review	*
RAI 752	Technical Specification Branch (CTSB)	16 - Technical Specifications	In OGC Review	*

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RAI 66	Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)	17.5 - Quality Assurance Program Description - Design Certification, Early Site Permit and New License Applicants	In Evaluation	
RAI 89	Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)	17.5 - Quality Assurance Program Description - Design Certification, Early Site Permit and New License Applicants	In Evaluation	
RAI 136	Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)	17.5 - Quality Assurance Program Description - Design Certification, Early Site Permit and New License Applicants	In Evaluation	
RAI 137	Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)	17.5 - Quality Assurance Program Description - Design Certification, Early Site Permit and New License Applicants	In Evaluation	
RAI 344	Operating Licensing and Human Performance Branch (AP1000/EPR Projects) (COLP)	18 - Human Factors Engineering	Issued/Waiting for Response	
RAI 351	Operating Licensing and Human Performance Branch (AP1000/EPR Projects) (COLP)	18 - Human Factors Engineering	Issued/Waiting for Response	
RAI 357	Operating Licensing and Human Performance Branch (AP1000/EPR Projects) (COLP)	18 - Human Factors Engineering	Issued/Waiting for Response	
RAI 459	PRA Licensing, Operations Support and Maintenance Branch 1 (AP1000/EPR Projects) (SPLA)	19 - Probabilistic Risk Assessment and Severe Accident Evaluation	Issued/Waiting for Response	
RAI 815	PRA Licensing, Operations Support and Maintenance Branch 1 (AP1000/EPR Projects) (SPLA)	19 - Probabilistic Risk Assessment and Severe Accident Evaluation	Pending Review	*
RAI 816	PRA Licensing, Operations Support and Maintenance Branch 1 (AP1000/EPR Projects) (SPLA)	19 - Probabilistic Risk Assessment and Severe Accident Evaluation	Pending Review	*