



Serial: NPD-NRC-2010-071
September 23, 2010

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-0001

**SHEARON HARRIS NUCLEAR POWER PLANT, UNITS 2 AND 3
DOCKET NOS. 52-022 AND 52-023
LEVY NUCLEAR POWER PLANT, UNITS 1 AND 2
DOCKET NOS. 52-029 AND 52-030
SUMMARY IDENTIFICATION OF CONCURRENCE WITH STANDARD CONTENT IN
RESPONSE TO REQUESTS FOR ADDITIONAL INFORMATION – SUPPLEMENT 3**

- References:
1. Letter from Thomas E. Spink (TVA) to NRC, dated August 16, 2010, "Bellefonte Combined License Application – Summary Identification of Standard Content in Response to Requests for Additional Information"
 2. Letter from B. L. Ivey (SNC) to NRC, dated August 23, 2010, "Southern Nuclear Operating Company Vogtle Electric Generating Plant Units 3 and 4 Combined License Application – Summary Identification of Reference Combined License Application Standard Content Submittals", ND-10-1608
 3. Letter from John Elnitsky (PGN) to NRC, dated December 7, 2009, "Shearon Harris Nuclear Power Plant, Units 2 and 3 and Levy Nuclear Power Plant, Units 1 and 2 – Summary Identification of Concurrence with Standard Content in Response to Requests for Additional Information – Supplement 2", Serial: NPD-NRC-2009-237

Ladies and Gentlemen:

In the referenced letter dated August 16, 2010 (Reference 1), Tennessee Valley Authority (TVA) identified the responses to the Nuclear Regulatory Commission's (NRC) requests for additional information (RAIs) submitted to update information for the Reference Combined License Application (R-COLA) that include standard content for the AP1000 COLAs.

In the referenced letter dated August 23, 2010 (Reference 2), Southern Nuclear Operating Company (SNC) identified the responses to the Nuclear Regulatory Commission's (NRC) requests for additional information (RAIs) and voluntary letters submitted to update information for the Reference Combined License Application (R-COLA) that include standard content for the AP1000 COLAs. The referenced letter also identified Open Items (OIs) contained in written safety evaluation reports (SERs) issued for selected chapters resulting from the NRC's detailed review of the initial AP1000 Reference COL application.

The attachments to this letter provide endorsement to the standard content for the Harris and Levy S-COLAs:

Attachment 1 - lists the Bellefonte R-COLA RAI responses that contain standard content applicable to Harris Units 2 and 3 and Levy Units 1 and 2

Attachment 2 - lists the Vogtle R-COLA submittal responses that contain standard content applicable to Harris Units 2 and 3 and Levy Units 1 and 2

The tables in the attachments include the responses submitted by TVA and SNC for the R-COLA between October 31, 2009 and July 15, 2010. Progress Energy endorsed previous standard content in the referenced letter dated December 7, 2009 (Reference 3). Progress Energy will continue to update this information to include endorsement of additional standard content RAIs and SER Open Items and supplements as this information is updated for the R-COLA in future submittals.

If you have any questions, or need additional information, please contact Bob Kitchen at (919) 546-6992 or me at (727) 820-4481.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on September 23, 2010.

Sincerely,



John Elnitsky
Vice President
New Generation Programs & Projects

Attachments:

1. AP1000 S-COLA (Harris Units 2 and 3, Levy Units 1 and 2) Supplemental Evaluation of BLN R-COLA RAIs for Standard Applicability
2. AP1000 S-COLA (Harris Units 2 and 3, Levy Units 1 and 2) Supplemental Evaluation of Vogtle R-COLA Submittals for Standard Applicability

cc: Mr. Brian C. Anderson, U.S. NRC Project Manager
Mr. Brian Hughes, U.S. NRC Project Manager
U.S. NRC Region II, Regional Administrator
U.S. NRC Resident Inspector, SHNPP Unit 1

bc:

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AP1000 S-COLA (HARRIS UNITS 2 and 3, LEVY UNITS 1 and 2) SUPPLEMENTAL EVALUATION of BLN R-COLA RAIs for STANDARD APPLICABILITY

RAI/OI ID#	ERA/OI #	RAI/OI Topic/Subject	Date Submitted	RAI/OI Ltr #	Utility Specific	Official NRC RAI/OI #	S-COLA Endorsement
3908	2936	RHEB- Wheeler Reservoir	11/13/2009	BLN-RAI-LTR-160 S2	TVA	02.04.03-09	N/A
3994	2936	RHEB- Wheeler Reservoir	12/2/2009	BLN-RAI-LTR-160 S3	TVA	02.04.03-09	N/A
3959	427	RHEB- RESRAD input files	11/3/2009	BLN-RAI-LTR-063 S1	TVA	02.04.13-04a	N/A
4056	4337	CIB1 - Coatings	3/4/2010	BLN-RAI-LTR-170	Standard	06.01.02-02	Yes
3995	3590	SPCV - CR Habitability training	1/5/2010	BLN-RAI-LTR-168	Standard	06.04-07	Yes
4024	4184	SPCV - CR Habitability evaluations	3/15/2010	BLN-RAI-LTR-169	Standard	06.04-08	Yes
4001	3829	SER Open Items	1/5/2010	BLN-RAI-LTR-167	TVA	09.01.02-02	N/A

AP1000 S-COLA (HARRIS UNITS 2 and 3, LEVY UNITS 1 and 2) SUPPLEMENTAL EVALUATION of VOGTLE R-COLA SUBMITTALS for STANDARD APPLICABILITY

RAI/OI ID#	ERA/OI #	RAI/OI Topic/Subject	Date Submitted	RAI/OI Ltr #	Utility Specific	Official NRC RAI/OI #	S-COLA Endorsement
3602	3381	Maximum Differential Settlement Between the NI and Other Structures	3/2/2010	045	Southern	02.05.04-5	N/A
4132	4645	CIB1- Squib valve surveillances	5/27/2010	056	Standard	03.09.06-01	Yes
3601	3380	Maximum Differential Settlement Between Buildings	3/2/2010	046	Southern	03.12-01	N/A
4131	4642	EMB1- Surge line monitoring test abstract	7/2/2010	057	Standard	03.12-02	Yes
4038	4281	Control Room Habitability System - Confirmatory Analysis	3/5/2010	048	Southern	06.04-02	N/A
4039	4281	Control Room Habitability System - ALOHA and TOXDISP Methodologies	3/5/2010	048	Southern	06.04-03	N/A
2705	1596	Requirements of 10 CFR 50.65 with respect to maintenance of onsite and offsite power system components	4/28/2010	025 S1	Southern	08.02-02 VR	N/A
4135	1596	Section 8.2.1.4 of the FSAR discusses maintenance, testing, and calibration practices that SCT follows	4/28/2010	025 S1	Southern	08.02-07 VR	N/A
3992	4067	Offsite Power	1/7/2010	044	Southern	08.02-13	N/A
4093	4525	EEB- Offsite Power	5/6/2010	053	Standard	08.02-14	Yes
4061*	4497	Waste water retention basin - request to update the FSAR	4/15/2010	050	Standard*	09.03.03-1	Yes
4057	1211	Offsite communications - verbal request to update the FSAR/EP	3/15/2010	005 S2	Southern	09.05.02-3	N/A
4033	1748	Construction worker dose	1/29/2010	021 S2	Southern	12.03-12.04-1 VR	N/A
4214	1748	Construction worker dose	11/20/2009	021 S1	Southern	12.03-12.04-1 VR	N/A
4034	1751	Construction worker dose	1/29/2010	021 S2	Southern	12.03-12.04-2 VR	N/A
4215	1751	Construction worker dose	11/20/2009	021 S1	Southern	12.03-12.04-2 VR	N/A
4114	2087	Emergency Action Levels (EALs)	4/28/2010	029 S2	Southern	13.03-03 VR	N/A
4147	3384	Vehicle Search Process	5/21/2010	041 S2	Southern	13.06-06 S1 VR	N/A
4134	3403 S1	Vital Area Locations	5/21/2010	041 S1	Southern	13.06-19 S1 VR	N/A
3710	3682	Describe Cyber Security Team Qualifications	11/20/2009	043	Standard	13.06-21	Yes, see CSP Note
3712	3682	Describe how Critical Digital Assets are Identified	11/20/2009	043	Standard	13.06-22	Yes, see CSP Note
3713	3682	Describe how all cyber security controls in RG 5.71, Appendices B & C are addressed and applied	11/20/2009	043	Standard	13.06-23	Yes, see CSP Note
3714	3682	Document commitment to having sufficient documentation available for review upon inspection	11/20/2009	043	Standard	13.06-24	Yes, see CSP Note
3715	3682	Describe how Cyber Security Program will be maintained	11/20/2009	043	Standard	13.06-25	Yes, see CSP Note
3717	3682	Security Controls	11/20/2009	043	Standard	13.06-26	Yes, see CSP Note
4043	4140	PESB Diesel and Associated Secondary Power Supply Equipment Rooms	3/5/2010	047	Southern	13.06-27	N/A
4044	4140	Level of Detail for PSP figures	3/5/2010	047	Southern	13.06-28	N/A
4045	4140	Security measures for ground level doors	3/5/2010	047	Southern	13.06-29	N/A
4046	4140	Involvement of offsite agencies with drills and exercises conducted	3/5/2010	047	Southern	13.06-30	N/A
4047	4140	Incorporation of 1994 VBS for Units 3 & 4 Protected Area	3/5/2010	047	Southern	13.06-31	N/A
4148	4140	Incorporation of 1994 VBS for Units 3 & 4 Protected Area	5/28/2010	047 S1	Southern	13.06-31 S1	N/A
4048	4140	Use of Delay Fence	3/5/2010	047	Southern	13.06-32	N/A
4053	4213	FFD Program during Construction to comply with NEI 06-06	3/5/2010	049	Southern	13.06-33	N/A
4054	4214	FFD During Construction Program - site-specific information	3/5/2010	049	Standard	13.06-34	Yes
4055	4216	FFD Program for Construction - Conformance between FSAR T13.4-201 and License Conditions	3/5/2010	049	Standard	13.06-35	Yes
4157	4216	FFD Program for Construction - Conformance between FSAR T13.4-201 and License Conditions	6/22/2010	049 S1	Standard	13.06-35 S1	Yes
4103	4587	Describe how requirements of 10 CFR 73.58, Safety Security Interface will be met	5/14/2010	055	Standard	13.06-36	Yes
4078	4466	Defensive Model - Location of CDAs	4/16/2010	051	Standard	13.06.06-01	Yes, see CSP Note
4079	4466	Defensive Model - bidirectional communications between Level 2 and Level 3	4/16/2010	051	Standard	13.06.06-02	Yes, see CSP Note
4080	4466	Implementation of security controls - use of "commensurate"	4/16/2010	051	Standard	13.06.06-03	Yes, see CSP Note
4151	4466	Cyber Security Controls - Mitigation vice elimination	6/14/2010	051 S1	Standard	13.06.06-03	Yes, see CSP Note
4081	4466	Defensive model criteria	4/16/2010	051	Standard	13.06.06-04	Yes, see CSP Note
4082	4466	Access controls	4/16/2010	051	Standard	13.06.06-05	Yes, see CSP Note
4083	4466	Clarification ["address" vs. "apply"]	4/16/2010	051	Standard	13.06.06-06	Yes, see CSP Note
4084	4466	Program review	4/16/2010	051	Standard	13.06.06-07	Yes, see CSP Note
4085	4466	Definition of CDA	4/16/2010	051	Standard	13.06.06-08	Yes, see CSP Note
4086	4466	Definition of CS	4/16/2010	051	Standard	13.06.06-09	Yes, see CSP Note
4153	4466	Cyber Security Plan - Licensing Basis use for Scoping	6/14/2010	051 S1	Standard	13.06.06-09	Yes, see CSP Note
4087	4466	Consistency	4/16/2010	051	Standard	13.06.06-10	Yes, see CSP Note
4088	4466	Support systems	4/16/2010	051	Standard	13.06.06-11	Yes, see CSP Note
4154	4466	Cyber Security Plan - Use of Licensing Basis for systems "associated with" SSEP functions	6/14/2010	051 S1	Standard	13.06.06-11	Yes, see CSP Note
4089	4466	Hardening	4/16/2010	051	Standard	13.06.06-12	Yes, see CSP Note
4090	4466	Mitigation versus Prevention	4/16/2010	051	Standard	13.06.06-13	Yes, see CSP Note
4155	4466	Cyber Security Plan - "Mitigation"	6/14/2010	051 S1	Standard	13.06.06-13	Yes, see CSP Note
4091	4466	Known vulnerability	4/16/2010	051	Standard	13.06.06-14	Yes, see CSP Note
4141	4716	CQVP - 1&3 plant only testing LC	6/18/2010	058	Standard	14.02-01	Yes

AP1000 S-COLA (HARRIS UNITS 2 and 3, LEVY UNITS 1 and 2) SUPPLEMENTAL EVALUATION of VOLTLE R-COLA SUBMITTALS for STANDARD APPLICABILITY

RAI/OI ID#	ERA/OI #	RAI/OI Topic/Subject	Date Submitted	RAI/OI Ltr #	Utility Specific	Official NRC RAI/OI #	S-COLA Endorsement
4140	4717	CQVP - SUT License Conditions	6/18/2010	059	Standard	14.02-02	Yes
4050	4141	Physical Security ITAAC - Cross-reference with SRP 14.3.12 App. A and AP1000 DCD	3/5/2010	047	Standard	14.03.12-01	Yes
4133	4141 S1	Physical Security ITAAC - Conformance with SRP 14.3.12 Draft Revision	6/11/2010	047 S2	Standard	14.03.12-01 S1	Yes
4051	4141	Physical Security ITAAC - Cross-reference between SRP 14.3.12 App. A and DCD	3/5/2010	047	Standard	14.03.12-02	Yes
4052	4141	Physical Security ITAAC - Cross-reference between SRP 14.3.12 and DCD ITAAC	3/5/2010	047	Standard	14.03.12-03	Yes
3765	3409	General — Site drawing/map showing areas referenced in response	10/29/2009	042	Southern	19-010	N/A
3855*	3512	Demonstrate Adequate Seismic Margin	10/30/2009	040	Standard	19-010	N/A*
3766	3409	General — Descriptions of staging areas and equipment locations in procedures	10/29/2009	042	Standard	19-011	Yes
3767	3409	General — Cooling tower basin functions	10/29/2009	042	Southern	19-012	N/A
4002	3409	General — Cooling tower basin functions	12/23/2009	042 S2	Southern	19-012	N/A
3768	3409	General — Identify Alternate Water Sources	10/29/2009	042	Standard	19-013	Yes
3769	3409	General — Capability of FPS to Meet Competing Demands	10/29/2009	042	Standard	19-014	Yes
3770	3409	General — Evaluation of strategies and procedures in relation to safety and security	10/29/2009	042	Standard	19-015	Yes
4003	3409	General — Evaluation of strategies and procedures in relation to safety and security	12/23/2009	042 S2	Standard	19-015	Yes
3771	3409	Shutdown Mode Considerations	11/13/2009	042 S1	Standard	19-016	Yes
4026	3409	Shutdown Mode Considerations	2/5/2010	042 S3	Standard	19-016 VR	Yes
3772	3409	Labeling/Tagging LOLA Equipment	10/29/2009	042	Standard	19-017	Yes
4004	3409	Labeling/Tagging LOLA Equipment	12/23/2009	042 S2	Standard	19-017	Yes
3773	3409	Discussion of Simple Modifications to Implement/Facilitate LOLA Strategies	11/13/2009	042 S1	Standard	19-018	Yes
3774	3409	COLA Markup to Depict Design Features of Mitigation Strategies	11/13/2009	042 S1	Standard	19-019	Yes
3775	3409	Commitment to Walk Through Procedures and Train Responsible Individuals	10/29/2009	042	Standard	19-020	Yes
3776	3409	Assurance that Critical SSCs will Survive LOLA Event	10/29/2009	042	Standard	19-021	Yes
4005	3409	Assurance that Critical SSCs will Survive LOLA Event	12/23/2009	042 S2	Standard	19-021	Yes
3777	3409	Differentiate Between "Commitments" and "Strategies" in the MST	10/29/2009	042	Standard	19-022	Yes
3778	3409	Fire Protection Ring Header Feeds	11/13/2009	042 S1	Standard	19-023	Yes
3779	3409	Communication Enhancements for Robust Buildings	10/29/2009	042	Standard	19-024	Yes
3780	3409	Separation of Fire Water Pumps	11/13/2009	042 S1	Standard	19-025	Yes
4006	3409	Separation of Fire Water Pumps	12/23/2009	042 S2	Standard	19-025	Yes
3781	3409	Clarify if FPS Isolation Valves are External PIVs	11/13/2009	042 S1	Standard	19-026	Yes
4007	3409	Clarify if FPS Isolation Valves are External PIVs	12/23/2009	042 S2	Standard	19-026	Yes
3782	3409	Pump redundancy clarifications re: blackout conditions and physical hookups to FPS	11/13/2009	042 S1	Standard	19-027	Yes
3783	3409	Fire Water Storage Tank Refill Capabilities	11/13/2009	042 S1	Standard	19-028	Yes
4008	3409	Fire Water Storage Tank Refill Capabilities	12/23/2009	042 S2	Standard	19-028	Yes
3784	3409	Fire Protection System Management	10/29/2009	042	Southern	19-029	N/A
3785	3409	SFP Mitigation Strategies Using a Portable Pump	10/29/2009	042	Standard	19-030	Yes
3786	3409	SFP Makeup from Cask Washdown Pit	11/13/2009	042 S1	Standard	19-031	Yes
3787	3409	SFP Makeup from PCCWST	11/13/2009	042 S1	Standard	19-032	Yes
3788	3409	SFP Makeup Through the PCCS	11/13/2009	042 S1	Standard	19-033	Yes
4009	3409	SFP Makeup Through the PCCS	12/23/2009	042 S2	Standard	19-033	Yes
3789	3409	SFP Makeup from Fire Ring Header or Yard Hydrants	11/13/2009	042 S1	Standard	19-034	Yes
3790	3409	Locations of SFP Penetrations for Make-Up and Spray	11/13/2009	042 S1	Standard	19-035	Yes
3792	3409	PWR Design Considerations for Site Response Strategies	10/29/2009	042	Standard	19-037	Yes
3793	3409	Clarifications Regarding Phase 3 Mitigative Strategies	10/29/2009	042	Standard	19-038	Yes
4010	3409	Clarifications Regarding Phase 3 Mitigative Strategies	12/23/2009	042 S2	Standard	19-038	Yes
3794	3409	Portable Spray Clarifications	11/13/2009	042 S1	Standard	19-039	Yes
4011	3409	Portable Spray Clarifications	12/23/2009	042 S2	Standard	19-039	Yes
3795	3409	Additional Details Re: RCS Make-Up	11/13/2009	042 S1	Standard	19-040	Yes
3796	3409	Additional Details Re: Safety Injection	11/13/2009	042 S1	Standard	19-041	Yes
3797	3409	Additional Details Re: Decay Heat Removal	11/13/2009	042 S1	Standard	19-042	Yes
3798	3409	Additional Details Re: Containment Cooling	11/13/2009	042 S1	Standard	19-043	Yes
3799	3409	Additional Details Re: Containment Isolation	11/13/2009	042 S1	Standard	19-044	Yes
4027	3409	Additional Details Re: Containment Isolation	2/5/2010	042 S3	Standard	19-044 VR	Yes
3800	3409	MST, Phase 1, Item 1 - Fire Fighting Response Strategy - Fire Brigade Target and Staging Areas	10/29/2009	042	Southern	19-045	N/A
4012	3409	MST, Phase 1, Item 1 - Fire Fighting Response Strategy - Fire Brigade Target and Staging Areas	12/23/2009	042 S2	Southern	19-045	N/A
3801	3409	MST, Phase 1, Item 1 - Fire Fighting Response Strategy - Fire Brigade Report Locations	10/29/2009	042	Southern	19-046	N/A
4013	3409	MST, Phase 1, Item 1 - Fire Fighting Response Strategy - Fire Brigade Report Locations	12/23/2009	042 S2	Southern	19-046	N/A

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3802	3409	MST, Phase 1, Item 2 - Fire Fighting Response Strategy - Procedural Requirements for Fire Brigade Dispersal	10/29/2009	042	Southern	19-047	N/A
4014	3409	MST, Phase 1, Item 2 - Fire Fighting Response Strategy - Procedural Requirements for Fire Brigade Dispersal	12/23/2009	042 S2	Southern	19-047	N/A
3803	3409	MST, Phase 1, Item 3 - Fire Fighting Response Strategy - Airlifted Resources	10/29/2009	042	Southern	19-048	N/A
3804	3409	MST, Phase 1, Item 4 - Fire Fighting Response Strategy - Technical Direction to Offsite Responders	10/29/2009	042	Southern	19-049	N/A
3805	3409	MST, Phase 1, Item 5 - Fire Fighting Response Strategy - Agreement for use of Outside Organizations with Specific Knowledge or Abilities for LOLA Response	10/29/2009	042	Southern	19-050	N/A
3806	3409	MST, Phase 1, Item 6 - Fire Fighting Response Strategy - Identification and Acquisition of Equipment Needed to Fight Large Fires	10/29/2009	042	Southern	19-051	N/A
3807	3409	MST, Phase 1, Item 7 - Fire Fighting Response Strategy - Appropriate Locations for Pre-Staging On-Site Fire Fighting Equipment	10/29/2009	042	Southern	19-052	N/A
3808	3409	MST, Phase 1, Item 8 - Fire Fighting Response Strategy - Coordination with Local Fire Departments and Other Regional Fire Fighting Aid	10/29/2009	042	Southern	19-053	N/A
3809	3409	MST, Phase 1, Item 9 - Fire Fighting Response Strategy - Staging Areas for Emergency Response Vehicles	10/29/2009	042	Southern	19-054	N/A
3810	3409	MST, Phase 1, Item 10 - Fire Fighting Response Strategy - Communication Enhancements Related to Radios	10/29/2009	042	Southern	19-055	N/A
3811	3409	MST, Phase 1, Item 11 - Fire Fighting Response Strategy - Triage Areas for Treatment of Mass Casualties	10/29/2009	042	Southern	19-056	N/A
4015	3409	MST, Phase 1, Item 11 - Fire Fighting Response Strategy - Triage Areas for Treatment of Mass Casualties	12/23/2009	042 S2	Southern	19-056	N/A
3812	3409	MST, Phase 1, Item 12 - Fire Fighting Response Strategy - Plant Personnel Assembly Areas	10/29/2009	042	Southern	19-057	N/A
4016	3409	MST, Phase 1, Item 12 - Fire Fighting Response Strategy - Plant Personnel Assembly Areas	12/23/2009	042 S2	Southern	19-057	N/A
3813	3409	MST, Phase 1, Item 13 - Fire Fighting Response Strategy - Fire Brigade Training	10/29/2009	042	Southern	19-058	N/A
3814	3409	Protocols and Procedures to Mobilize Additional Organizations	10/29/2009	042	Southern	19-059	N/A
3815	3409	Requirements for Necessary Equipment in MOUs	10/29/2009	042	Southern	19-060	N/A
3816	3409	Anti-Radiation Shields/Blankets for Fire Fighters	10/29/2009	042	Southern	19-061	N/A
3817	3409	Actions to Minimize Releases, Phase 1, Item 3 - Dose Rates in PRA Used in Projection Models	11/13/2009	042 S1	Standard	19-062	Yes
3818	3409	MST, Phase 1, Item 1 - Plant Operations to Mitigate Fuel Damage - Pre-Defined Positioning and Dispersal of Personnel	10/29/2009	042	Southern	19-063	N/A
4017	3409	MST, Phase 1, Item 1 - Plant Operations to Mitigate Fuel Damage - Pre-Defined Positioning and Dispersal of Personnel	12/23/2009	042 S2	Southern	19-063	N/A
3819	3409	MST, Phase 1, Item 2 - Plant Operations to Mitigate Fuel Damage - Communications Capabilities	10/29/2009	042	Southern	19-064	N/A
4018	3409	MST, Phase 1, Item 2 - Plant Operations to Mitigate Fuel Damage - Communications Capabilities	12/23/2009	042 S2	Southern	19-064	N/A
3820	3409	MST, Phase 1, Item 8 - Plant Operations to Mitigate Fuel Damage - Plant Area Compartmentalization	11/13/2009	042 S1	Standard	19-065	Yes
4028	3409	MST, Phase 1, Item 8 - Plant Operations to Mitigate Fuel Damage - Plant Area Compartmentalization	2/5/2010	042 S3	Standard	19-065 VR	Yes
3821	3409	MST, Phase 1, Item 6 - Plant Operations to Mitigate Fuel Damage - Equipment Requirements Related to LOLA Compensatory Functions	11/13/2009	042 S1	Standard	19-066	Yes
3822	3409	MST, Phase 1, Item 7 - Plant Operations to Mitigate Fuel Damage - Mitigation Equipment Requirements Related to Loss of Both AC and DC Power	11/13/2009	042 S1	Standard	19-067	Yes
3823	3409	MST, Phase 1, Item 9 - Plant Operations to Mitigate Fuel Damage - Equipment Survivability in Plant Areas Affected by Fire or Explosion	11/13/2009	042 S1	Standard	19-068	Yes
3824	3409	MST, Phase 1, Item 13 - Plant Operations to Mitigate Fuel Damage - SFP Loss of Inventory and Spent Fuel Loading Patterns	11/13/2009	042 S1	Standard	19-069	Yes
4029	3409	MST, Phase 1, Item 13 - Plant Operations to Mitigate Fuel Damage - SFP Loss of Inventory and Spent Fuel Loading Patterns	2/5/2010	042 S3	Standard	19-069 VR	Yes
3825	3409	MST, Phase 1, Item 14 - Plant Operations to Mitigate Fuel Damage - Training of Emergency Response Organization (ERO) Personnel and Potential Responders	10/29/2009	042	Southern	19-070	N/A
3826	3409	MST, Phase 2, Item 4 - Onsite Resources to Reduce or Stop SFP Leakage	10/29/2009	042	Southern	19-071	N/A
3827	3409	SFP Fuel Rack Design Improvements	11/13/2009	042 S1	Standard	19-072	Yes
4030	3409	SFP Fuel Rack Design Improvements	2/5/2010	042 S3	Standard	19-072 VR	Yes
3829	3409	Plans for Post-LOLA Restoration of Communications	10/29/2009	042	Standard	19-074	Yes
3830	3409	Command and Control Structure if Control Staff is Substantially Affected	10/29/2009	042	Standard	19-075	Yes
4019	3409	Command and Control Structure if Control Staff is Substantially Affected	12/23/2009	042 S2	Standard	19-075	Yes

AP1000 S-COLA (HARRIS UNITS 2 and 3, LEVY UNITS 1 and 2) SUPPLEMENTAL EVALUATION of VOGTLE R-COLA SUBMITTALS for STANDARD APPLICABILITY

RAI/OI ID#	ERA/OI #	RAI/OI Topic/Subject	Date Submitted	RAI/OI Ltr #	Utility Specific	Official NRC RAI/OI #	S-COLA Endorsement
3831	3409	Offsite Notifications and ERO Callout if Control Room is Lost	10/29/2009	042	Standard	19-076	Yes
3832	3409	Initial Damage Assessment by ERO	10/29/2009	042	Standard	19-077	Yes
4020	3409	Initial Damage Assessment by ERO	12/23/2009	042 S2	Standard	19-077	Yes
3833	3409	MST, Phase 3, Item 1 - Boundary Conditions for Development of EDMGs	10/29/2009	042	Standard	19-078	Yes
3834	3409	MST, Phase 3, Item 8 - Use of Portable Sprays to Provide Additional Capabilities to Scrub Fission Product Release and Charge the FPS Fire Header	11/13/2009	042 S1	Standard	19-079	Yes
4021	3409	MST, Phase 3, Item 8 - Use of Portable Sprays to Provide Additional Capabilities to Scrub Fission Product Release and Charge the FPS Fire Header	12/23/2009	042 S2	Standard	19-079	Yes
4062	4459	19-81: Clearly define Phase 2 pathways for Internal makeup, external makeup, and external spray strategies	5/5/2010	052	Standard	19-081	Yes
4142	4459	Clarify the response to RAI 19-81 re: Defining the Phase 2 pathways for Internal Makeup, External Makeup, and External Spray strategies	5/28/2010	052 S1	Standard	19-081 S1 VR	Yes
4063	4459	19-82: Assure that power supplies for equipment needed for Phase 2 are "diverse"	5/5/2010	052	Standard	19-082	Yes
4064	4459	19-83: Describe personnel actions needed to makeup to or spray the Spent Fuel Pool under Phase 2	5/5/2010	052	Standard	19-083	Yes
4065	4459	19-84: Provide Phase 2 injection and spray flow path flow rates	5/5/2010	052	Standard	19-084	Yes
4066	4459	19-85: Explain how an effective spray pattern for the Spent Fuel Pool will be assured	5/5/2010	052	Standard	19-085	Yes
4067	4459	19-86: State the applicant will have a means to secure flexible hoses	5/5/2010	052	Standard	19-086	Yes
4068	4459	19-87: Address how the aircraft impact assessment affected mitigation of loss of large areas of the plant	5/5/2010	052	Standard	19-087	Yes
4069	4459	19-88: List additional site-specific Spent Fuel Pool strategies	5/5/2010	052	Standard	19-088	Yes
4070	4459	19-89: Address how engineering basis for 10 CFR 50.54(hh)(2) is to be documented and available for audit	5/5/2010	052	Southern	19-089	N/A
4071	4459	19-90: Confirm that plant will have adequate length and diameter hose to perform certain strategies	5/5/2010	052	Standard	19-090	Yes
4072	4459	19-91: Update Mitigative Strategies Table to differentiate between commitments and strategies	5/5/2010	052	Southern	19-091	N/A
4144	4459	Clarifications re: Updated Mitigative Strategies Table to differentiate between commitments and strategies	5/28/2010	052 S1	Southern	19-091 S1 VR	N/A
4073	4459	19-92: Address guidance on how to choose which of the Phase 2 external strategies to use	5/5/2010	052	Standard	19-092	Yes
4074	4459	19-93: Spatial separation of Spent Fuel Pool headers	5/5/2010	052	Standard	19-093	Yes
4145	4459	Clarification re: Spatial Separation of Spent Fuel Pool Spray Headers	5/28/2010	052 S1	Standard	19-093 S1 VR	Yes
4077	4459	19-96: Describe the normal makeup flow path to the Spent Fuel Pool	5/5/2010	052	Standard	19-094	Yes
4104	4543	Provide a draft license condition in Chapter 13 of the FSAR on schedules for implementation of programs related to 10 CFR 50.54(hh)(2) and 10 CFR 52.80(d).	5/24/2010	054	Standard	19-095	Yes
4105	4543	Provide a draft commitment to follow NEI 99-04, Rev. 0.	5/24/2010	054	Standard	19-096	Yes
4107	4543	Discuss maintenance program and controls for equipment credited under (hh)(2)	5/24/2010	054	Standard	19-098	Yes
4109	4543	Supplement 1 to RAI 19-40 - Address spatial separation of CVS and CMTs inside or outside containment used to provide RCS makeup	5/24/2010	054	Standard	19-099	Yes
4110	4543	Supplement 1 to RAI 19-41 - Address common equipment and spatial separation issues for safety injection key safety function	5/24/2010	054	Standard	19-100	Yes
4149	4543	Identify spatial separation criteria for key safety functions	6/4/2010	054 S1	Standard	19-100 S1	Yes
4111	4543	Supplement 2 to RAI 19-44 - Clarification of adequate spatial separation of dc power for containment isolation	5/24/2010	054	Standard	19-101	Yes
4112	4543	Supplement 1 to RAI 19-67 - Develop procedures to start a DG without dc power and discuss capability of use of a pumper truck to inject to the core.	5/24/2010	054	Standard	19-102	Yes
4113	4543	Supplement 1 to RAI 19-20 - Modify commitment to include an engineering evaluation or demonstration that hoses and electrical equipment can be hooked up as assumed.	5/24/2010	054	Standard	19-103	Yes
4097	4337	CIB1 - Coatings	6/17/2010	VEGP-VOL-Ch06 re BLN-170	Southern	BLN 06.01.02-02	N/A
4136	3590	SPCV - CR Habitability training	6/17/2010	VEGP-VOL-Ch06 re BLN-168	Southern	BLN 06.04-07	N/A
4096	4184	SPCV - CR Habitability evaluations	6/17/2010	VEGP-VOL-Ch06 re BLN-169	Southern	BLN 06.04-08	N/A
4035	66	CQVP- QAPD	1/29/2010	VEGP-VOL-Ch17	Standard	BLN 17.05-09 VR	Yes
4094	66	CQVP- QAPD	4/2/2010	VEGP-VOL-Ch17	Standard	BLN 17.05-09 VR2	Yes
4023	3849	RG 1.133 C.6 Exception Conf Item	1/8/2010	COL-SER-OI-Ch04 Conf	Standard	CI 04.04-01	Yes
4213	n/a	Summarize NRC clarifications to Cyber Security Plan expectations from January 14, 2010 meeting.	1/22/2010	n/a	Standard	n/a	Yes, see CSP Note
3910	2566	Parts 30/40/70	7/9/2010	COL-SER-OI-Ch01 S2	Standard	OI 01.05-01	Yes
3948	569	Pipe rupture analyses	3/18/2010	COL-SER-OI-Ch03 S4	Standard	OI 03.06-01	Yes
4099	569	Pipe rupture analyses	4/23/2010	COL-SER-OI-Ch03 S6	Standard	OI 03.06-01 VR	Yes
3950	110	Valve testing	3/1/2010	COL-SER-OI-Ch03 S3	Standard	OI 03.09-02	Yes

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4115	110	Valve testing	5/14/2010	COL-SER-OI-Ch03 S7	Standard	OI 03.09-02 VR	Yes
3951	110	Valve testing	3/1/2010	COL-SER-OI-Ch03 S3	Standard	OI 03.09-03	Yes
4116	110	Valve testing	5/14/2010	COL-SER-OI-Ch03 S7	Standard	OI 03.09-03 VR	Yes
3952	110	Valve testing	12/14/2009	COL-SER-OI-Ch03	Southern	OI 03.09-04	N/A
4058	110	Valve testing	3/1/2010	COL-SER-OI-Ch03 S3	Standard	OI 03.09-04 VR	Yes
3953	110	Valve testing	1/12/2010	COL-SER-OI-Ch03 S1	Standard	OI 03.09-05	Yes
3954	110	IST related Tech Specs	12/14/2009	COL-SER-OI-Ch03	Southern	OI 03.09-06	N/A
3955	653	Seismic and dynamic qualification	2/5/2010	COL-SER-OI-Ch03 S2	Standard	OI 03.10-01	Yes
4095	653	Seismic and dynamic qualification	4/2/2010	COL-SER-OI-Ch03 S5	Standard	OI 03.10-01 VR	Yes
3976	3829	Metamic monitoring program	12/30/2009	COL-SER-OI-Ch09	Standard	OI 09.01-01	Yes
4102	3829	Metamic monitoring program	4/23/2010	COL-SER-OI-Ch09 S1	Standard	OI 09.01-01	Yes
3977	290	LLHS inspection implementation	12/30/2009	COL-SER-OI-Ch09	Standard	OI 09.01-02	Yes
3978	291	OHLHS program implementation	12/30/2009	COL-SER-OI-Ch09	Standard	OI 09.01-03	Yes
3979	291	OHLHS inspection implementation	12/30/2009	COL-SER-OI-Ch09	Standard	OI 09.01-04	Yes
3981	4109	OI 12.03-01 completion	12/30/2009	COL-SER-OI-Ch09	Standard	OI 09.02-02	Yes
3961	3951	Calorimetric uncertainty COL item	1/22/2010	COL-SER-OI-Ch15	Standard	OI 15.00-01	Yes
4036	3951	Calorimetric uncertainty COL item - followup to WEC Revised Response	5/21/2010	COL-SER-OI-Ch15 S1	Standard	OI 15.00-01	Yes
3963	3952	GL 85-05	1/22/2010	COL-SER-OI-Ch15	Standard	OI 15.04-01	Yes
3920	1450	TS- setpoint methodology and program	3/1/2010	COL-SER-OI-Ch16 S1	Standard	OI 16.01-01	Yes
4092	1450	TS- setpoint methodology and program	5/21/2010	COL-SER-OI-Ch16 S2	Standard	OI 16.01-01	Yes
3921	1425	QA- NEI 06-14 - RG 1.33	12/31/2009	COL-SER-OI-Ch17 S1	Standard	OI 17.01-01	Yes
3922	0066 17.5-05	QA- NEI 06-14 - Regulation citation	12/31/2009	COL-SER-OI-Ch17 S1	Standard	OI 17.05-01	Yes
3923	0066 17.5-06	QA- NEI 06-14 - IRC per ANSI N18.7	12/31/2009	COL-SER-OI-Ch17 S1	Standard	OI 17.05-02	Not-Me, Too letter submitted by Progress Energy - NPD-NRC-2010-023
3924	0066 17.5-07	QA- NEI 06-14 - ID licensee	12/31/2009	COL-SER-OI-Ch17 S1	Standard	OI 17.05-03	Yes
3925	0137 17.5-13	QA- NEI 06-14 - CG calibration services	12/31/2009	COL-SER-OI-Ch17 S1	Standard	OI 17.05-04	Yes
3926	0137 17.5-14	QA- NEI 06-14 - CG dedication	12/31/2009	COL-SER-OI-Ch17 S1	Standard	OI 17.05-05	Yes
4169	4943	Site parameters	7/1/2010	VEGP-VOL-Ch02 re site parameters	Standard	VEGP 02.00 VR	Yes
4168	4940	Waterproofing	7/1/2010	VEGP-VOL-Ch02 re waterproofing	Standard	VEGP 02.05 VR	Yes
4158		ASCE 7	6/18/2010	VEGP-VOL-Ch03 ASCE	Southern	VEGP 03.03 VR	N/A
4137		Service Level II Coatings	5/24/2010	VEGP-VOL-Ch06 Coatings	Standard	VEGP 06.01 VR	Yes
4163		Service Level II Coatings	7/2/2010	VEGP-VOL-Ch06 Coatings	Standard	VEGP 06.01 VR2	Yes
4101	4935	SPCV - Setpoint calculation	6/4/2010	VEGP-VOL-Ch07	Standard	VEGP 07.01 VR	Yes
4100		SPCV - Systems Required for Safe Shutdown	6/4/2010	VEGP-VOL-Ch07	Standard	VEGP 07.05 VR	Yes
4160		SPCV - Systems Required for Safe Shutdown	7/6/2010	VEGP-VOL-Ch07 S1	Standard	VEGP 07.05 VR	Yes
4138		IBR of EP	5/27/2010	VEGP-VOL-Ch13	Standard	VEGP 13.03 VR	Yes
4218	4466	Revise Table 13.04-201 to identify milestone for CSP as "Prior to receipt of fuel onsite (Protected Area)"	4/16/2010	051	Standard	VEGP 13.04	Yes, see CSP Note
4037		Cyber Security Plan revision to RG 5.71 with deviations	2/19/2010	VEGP-VOL-CSP-571	Southern	VEGP 13.06 VR	N/A
4139		IBR of PSP	5/27/2010	VEGP-VOL-Ch13	Standard	VEGP 13.06 VR	Yes
4159		TSC Tier 2	7/9/2010	VEGP-VOL-Ch18 TSC	Southern	VEGP 18.08 VR	N/A
4219	4466	Correct frequency for cyber security assessments from bi-annual to at least every 24 months	4/16/2010	051	Standard	VEGP CSP1	Yes, see CSP Note
4220	4466	Editorial correction to CSP Att. A; Deviation Table, to correctly repeat the existing text from RG 5.71	4/16/2010	051	Standard	VEGP CSP2	Yes, see CSP Note
4221	4466	Revise Proposed License Condition 5 to include the Cyber Security Plan	4/16/2010	051	Standard	VEGP LCR5	Yes, see CSP Note
4222	4543	Clarify minimum thickness of concrete between spent fuel pool and outside wall	5/24/2010	054	Standard	VEGP LOLA1	Yes
4223	4543	Clarify which spray headers are supplied by the independently-powered portable pump	5/24/2010	054	Standard	VEGP LOLA2	Yes
4224	4543	Revise MST Section 7.0 to clarify the susceptibility to damage associated with passive plant features	5/24/2010	054	Standard	VEGP.LOLA3	Yes
4225	4543	Revise MST Section 7.8 to clarify the design basis refill capacity of the fire water storage tanks	5/24/2010	054	Standard	VEGP LOLA4	Yes
4216		LWA Supporting ER info	2/5/2010	VEGP-VOL-PT06	Southern	VEGP LWA VR	N/A
4217		LWA Supporting ER info	3/11/2010	VEGP-VOL-PT06	Southern	VEGP LWA VR	N/A
Notes							
4061	This response contained both Standard and plant-specific content. The need to include line item 9.8 in the site interfaces table is STANDARD.						
3855	Southern specific per ND-09-1768, not Standard						
CSP	Progress Energy CSP for Harris Units 2 and 3 and Levy Units 1 and 2 submitted in accordance with R-COLA CSP per NPD-NRC-2010-058 and NPD-NRC-2010-059, respectively						
3625 / 3529	Correction to 2009-11-20 listing. The * Note attached to RAI/OI ID# 3625 was actually a * Note for RAI/OI ID# 3529. The two items should have read 3625 and 3529*.						