PMSTPCOL PEmails

From: Govan, Tekia
Sent: Friday, January 21, 2011 10:44 AM
To: Dixon-Herrity, Jennifer; Govan, Tekia; Le, Tuan; McNally, Richard; Ahmed, Sardar; Law, Yiu; Tai, Tom
Cc: STPCOL
Subject: FW: Finalized Matrix
Attachments: Document Matrix for NRC Audit January 18-20, 2011.xls

Please find the finalized document matrix associated with the Chapter 3 audit on 01/18-21/2011 at Sargent and Lundy. This is being documented in the hearing file and can/should be used as a part of your audit summary.

Tekia

From: Scheide, Richard [mailto:rhscheide@STPEGS.COM]
Sent: Friday, January 21, 2011 10:13 AM
To: Govan, Tekia
Subject: Finalized Matrix

Tekia,

Attached is the finalized document matrix, as promised.

Dick

Hearing Identifier: SouthTexas34Public_EX
Email Number: 2579

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From: Govan, Tekia

Created By: Tekia.Govan@nrc.gov

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Document Matrix
For NRC Audit
January 18-20, 2011

Item No.	System	Equipment/Component Description	DCD Tag No. (Old)	Project P&ID Tag No. (New)	Project P&ID No.	ASME Design Spec No./Rev	Procurement Spec No./Rev.	Related DCD/COLA Section/Figure No.
1	Reactor Core Isolation Cooling System (RCIC)	RCIC Turbine Driven Pump	C001	PUMP-001	U3-RCIC-M-DWG-P&ID-0001-03, Rev. E	U7-RCIC-M-SPEC-ASME-PUMP-7389 Rev. D	U7-RCIC-M-SPEC-PUMP-7389 Rev. D	T1: 2.4.4 T2: 5.4.6 Figure 5.4-8
2	Reactor Core Isolation Cooling System (RCIC)	Min Flow Bypass Valve	F011	FV-0011	U3-RCIC-M-DWG-P&ID-0001-02, Rev. E	U7-SITE-M-SPEC-ASME-VLV-7384 Rev. E	U7-SITE-M-SPEC-VLV-7384 Rev. E	T1: 2.4.4 T2: 5.4.6 Figure 5.4-8
3	Reactor Core Isolation Cooling System (RCIC)	Injection Valve	F004	FCV-0004	U3-RCIC-M-DWG-P&ID-0001-02, Rev. E	U7-SITE-M-SPEC-ASME-VLV-7342 Rev. F	U7-SITE-M-SPEC-VLV-7342, Rev. F	T1: 2.4.4 T2: 5.4.6 Figure 5.4-8
4	Reactor Core Isolation Cooling System (RCIC)	Check Valve	F038	CHKV-0053	U3-RCIC-M-DWG-P&ID-0001-01, Rev. E	U7-SITE-M-SPEC-ASME-VLV-7384 Rev. E	U7-SITE-M-SPEC-VLV-7384 Rev. E	T1: 2.4.4 T2: 5.4.6 Figure 5.4-8
5	Reactor Core Isolation Cooling System (RCIC)	Check Valves	F003, F005	CHKV-0003, CHKV-0005	U3-RCIC-M-DWG-P&ID-0001-02, Rev. E	U7-SITE-M-SPEC-ASME-VLV-7342 Rev. F	U7-SITE-M-SPEC-VLV-7342, Rev. F	T1: 2.4.4 T2: 5.4.6 Figure 5.4-8
6	Reactor Core Isolation Cooling System (RCIC)	Isolation Valves	F035, F036, F039	FV-0050, FV-0051, FV-0054	U3-RCIC-M-DWG-P&ID-0001-01, Rev. E	U7-SITE-M-SPEC-ASME-VLV-7384 Rev. E	U7-SITE-M-SPEC-VLV-7384 Rev. E	T1: 2.4.4 T2: 5.4.6 Figure 5.4-8
7	Reactor Core Isolation Cooling System (RCIC)	ECCS Suction Strainer	D002	STNR-002	U3-RCIC-M-DWG-P&ID-0001-02, Rev. E	U7-SITE-M-SPEC-ASME-STNR-7399 Rev. D	U7-SITE-M-SPEC-STNR-7399 Rev. D	T1: 2.4.4 T2: 5.4.6 Figure 5.4-8
8	Containment Overpressure Protection System (ACS)	Air Operated Valve	F007	FV-0133	U3-ACS-M-DWG-P&ID-0001-01, Rev. F	U7-SITE-M-SPEC-ASME-VLV-7384 Rev. E	U7-SITE-M-SPEC-VLV-7384 Rev. E	T1: 2.14.6 T2: 6.2.5 Figure 6.2-39 Table 3.9-8
9	Containment Overpressure Protection System (ACS)	Air Operated Valve	F010	FV-0134	U3-ACS-M-DWG-P&ID-0001-01, Rev. F	U7-SITE-M-SPEC-ASME-VLV-7384 Rev. E	U7-SITE-M-SPEC-VLV-7384 Rev. E	T1: 2.14.6 T2: 6.2.5 Figure 6.2-39 Table 3.9-8
10	Containment Overpressure Protection System (ACS)	Rupture Disk	D001	RPD-001	U3-ACS-M-DWG-P&ID-0001-01, Rev. F	U7-SITE-P-SPEC-ASME-PIPE-7347, Rev. D	U7-SITE-P-SPEC-PIPE-7347, Rev. E	T1: 2.14.6 T2: 6.2.5 Figure 6.2-39 19.5.2, 19E.2, 19K.11.6, Table 3.2-1, Table 6.2-7
11	Containment Overpressure Protection System (ACS)	Rupture Disk	D002	RPD-002	U3-ACS-M-DWG-P&ID-0001-01, Rev. F	U7-SITE-P-SPEC-ASME-PIPE-7347, Rev. D	U7-SITE-P-SPEC-PIPE-7347, Rev. E	T1: 2.14.6 T2: 6.2.5 Figure 6.2-39 19.5.2, 19E.2, 19K.11.6, Table 3.2-1, Table 6.2-7
12	Containment Overpressure Protection System (ACS)	Flow Lines	Various	Various	U3-ACS-M-DWG-P&ID-0001-01/02/03/04, Rev. F	U7-SITE-P-SPEC-ASME-0018 Rev. B	U7-FAB-P-SPEC-PIPE-7332, Rev. D	Figure 6.2-39
13	Reactor Pressure Vessel	Reactor Vessel Design	N/A	N/A	N/A	3B11-D003-3005-01 Rev.7 (U3-RPV-M-SPEC-ASME-0001 Rev. G)	3B11-D003-3005-01 Rev.7 (U3-RPV-M-SPEC-ASME-0001 Rev. G)	T1:2.1 T2:3.9, 4.1, 4.5, 5.2, 5.3
14	Reactor Pressure Vessel	Reactor Internals	N/A	N/A	N/A	3B11-D001-3005-01 Rev.3 (U3-RPV-M-SPEC-ASME-0002 Rev. D)	3B11-D001-3005-01 Rev.3 (U3-RPV-M-SPEC-ASME-0002 Rev. D)	T1:2.1 T2:3.9, 4.1, 4.5, 5.2, 5.3
15	Containment	Wetwell/Drywell Vacuum Breakers	N/A	N/A	N/A	U7-PCS-S-ASME-7519 Rev. C1 (DRAFT)	U7-PCS-S-ASME-7519 Rev. C1 (DRAFT)	T1: 2.14.1 T2: 6.2.1.1.2.1 6.2.1.1.4.1 6.2.1.1.5.5 6.2.1.1.5.6.3
16	Classification	Various (See Notes)	Various (See Notes)	Various (See Notes)	Various (See Notes)	N/A	U7-PROJ-G-PRD-0004, Rev. 0 (Classification Specification)	Table 3.2-1
17	High Pressure Core Flooder (HPCF)	Pump	C001B, C	PUMP-001B, C	U3-HPCF-M-DWG-P&ID-0001-01/02, Rev. E	U7-HPCF-M-SPEC-ASME-PUMP-7388 Rev. F	U7-HPCF-M-SPEC-PUMP-7388 Rev. F	Section 2.4.2, Section 6.3. Figure 6.3-7
18	High Pressure Core Flooder (HPCF)	Maintenance Valves	F005B, C	HV-0006B, C	U3-HPCF-M-DWG-P&ID-0001-01/02, Rev. E	U7-SITE-M-SPEC-ASME-VLV-7342, Rev. F	U7-SITE-M-SPEC-VLV-7342, Rev. F	Section 2.4.2, Section 6.3. Figure 6.3-7
19	High Pressure Core Flooder (HPCF)	Injection Valves	F003B, C	FV-0004B, C	U3-HPCF-M-DWG-P&ID-0001-01/02, Rev. E	U7-SITE-M-SPEC-ASME-VLV-7384 Rev. E	U7-SITE-M-SPEC-VLV-7384 Rev. E	Section 2.4.2, Section 6.3. Figure 6.3-7
20	High Pressure Core Flooder (HPCF)	ECCS Suction Strainer	D003B, C	STNR-002 B, C	U3-HPCF-M-DWG-P&ID-0001-01/02, Rev. E	U7-SITE-M-SPEC-ASME-STNR-7399 Rev. D	U7-SITE-M-SPEC-STNR-7399 Rev. D	T1/2.4.2 Figure 6.3-7
21	Control Rod Drive (CRD)	Hydraulic Control Units	D004	HCU-WWXX/YYZZ	U3-CRD-M-DWG-P&ID-0001-03, Rev. E	U7-CRD-M-SPEC-ASME-0001 Rev. B	U7-CRD-M-SPEC-ASME-0001 Rev. B	Figure 4.6-8 Sh3
22	Control Rod Drive (CRD)	Scram Pilot Solenoid Valves (part of HCU)	D004	HCU-WWXX/YYZZ-139	U3-CRD-M-DWG-P&ID-0001-03, Rev. E	U7-CRD-M-SPEC-ASME-0001 Rev. B	U7-CRD-M-SPEC-ASME-0001 Rev. B	Figure 4.6-8 Sh3
23	Control Rod Drive (CRD)	Scram Valves to FMCRDs (part of HCU)	D004	HCU-WWXX/YYZZ-126	U3-CRD-M-DWG-P&ID-0001-03, Rev. E	U7-CRD-M-SPEC-ASME-0001 Rev. B	U7-CRD-M-SPEC-ASME-0001 Rev. B	Figure 4.6-8 Sh3
24	Nuclear Boiler System (NB)	Isolation Check Valves	F003B, F004B	CHKV-0052B, CHKV-0053B	U3-NB-M-DWG-PID-0001-02, Rev. D	U7-SITE-M-SPEC-ASME-VLV-7384 Rev. E	U7-SITE-M-SPEC-VLV-7384 Rev. E	Figure 5.1-3 Sh4/Section 2.1.2 (Tier 1)

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Item No.	System	Equipment/Component Description	DCD Tag No. (Old)	Project P&ID Tag No. (New)	Project P&ID No.	ASME Design Spec No./Rev	Procurement Spec No./Rev.	Related DCD/COLA Section/Figure No.
25	Nuclear Boiler System (NB)	Safety Relief Valve Discharge Piping	Various	Various	U3-NB-M-DWG-PID-0001-01/02/03, Rev. D & 04/05, Rev. B	U7-SITE-P-SPEC-ASME-0001 Rev. C	U7-FAB-P-SPEC-PIPE-7332, Rev. D	Figure 5.1-3
26	Nuclear Boiler System (NB)	ADS Valves	F010A, C, F, H, L, N, R, T	SRV-003A, C, F, H, L, N, R, T	U3-NB-M-DWG-PID-0001-03, Rev. D & 04, Rev. B	U7-SITE-M-SPEC-ASME-MSRV-7381, Rev. E	U7-SITE-M-SPEC-MSRV-7381, Rev. E	Figure 5.1-3 Sh2/Section 2.1.2 (Tier 1)
27	Nuclear Boiler System (NB)	Non-ADS Valves	F010B, D, E, G, J, K, M, P, S, U	SRV-003B, D, E, G, J, K, M, P, S, U	U3-NB-M-DWG-PID-0001-03, Rev. D & 04, Rev. B	U7-SITE-M-SPEC-ASME-MSRV-7381, Rev. E	U7-SITE-M-SPEC-MSRV-7381, Rev. E	Figure 5.1-3 Sh2/Section 2.1.2 (Tier 1)
28	Reactor Service Water System (RSW)	Pump	C001	PUMP-001A1, A2, B1, B2, C1, C2	U3-RSW-M-DWG-P&ID-0001-01/02/03, Rev. D	U7-RSW-M-SPEC-ASME-PUMP-7396, Rev. D	U7-RSW-M-SPEC-PUMP-7396, Rev. D	T1: 2.11.9 T2: 9.2.15 Figure 9.2-7
29	Reactor Service Water System (RSW)	Supply Isolation Valve	F002, F015	FV-0003, FV-0009	U3-RSW-M-DWG-P&ID-0001-01/02/03, Rev. D	U7-SITE-M-SPEC-ASME-VLV-7342, Rev. F	U7-SITE-M-SPEC-VLV-7342, Rev. F	T1: 2.11.9 T2: 9.2.15 Figure 9.2-7
30	Reactor Service Water System (RSW)	Heat Exchanger **(Same as Item #33)**						
31	Reactor Building Cooling Water System (RBCW)	Pumps	C001A,B,C,D, E,F	PUMP-001A1,A2, B1,B2,C1,C2	U3-RBCW-P-DWG-PID-0001-01/04/07, Rev. D	U7-RBCW-M-SPEC-ASME-PUMP-7358, REV. D	U7-RBCW-M-SPEC-PUMP-7358, REV. E	T1: 2.11.3, Table 8.3-1, T2: 9.2.11, Figure 9.2-1,
32	Reactor Building Cooling Water System (RBCW)	Isolation Valves	F015 (A,B,C,D,E,F), F002 (A,B,C,D,E,F)	HV-0013A1,A2, B1,B2,C1,C2 HV-0002A1,A2, B1,B2,C1,C2	U3-RBCW-P-DWG-PID-0001-01/04/07, Rev. D	U7-SITE-M-SPEC-ASME-VLV-7342, Rev. F	U7-SITE-M-SPEC-VLV-7342, Rev. F	Table 3.9-8, Figure 9.2-1
33	Reactor Building Cooling Water System (RBCW)	Heat Exchangers	B001A,B,C,D, E,F, G,H,J	HX-001A1,A2,A3, B1,B2,B3,C1,C2, C3	U3-RBCW-P-DWG-PID-0001-01/04/07, Rev. D	U7-RBCW-M-SPEC-ASME-HX-7323, REV. G	U7-RBCW-M-SPEC-HX-7323, REV. G	T1: 2.11.3, Table 8.3-1, T2: 9.2.11, Figure 9.2-1,
34	Residual Heat Removal System (RHR)	ACIWA Manual Valves	F101, F102	HV-0023, HV-0024	U3-RHR-M-DWG-P&ID-0001-01/02/03, Rev. E	U7-SITE-M-SPEC-ASME-VLV-7342, Rev. F	U7-SITE-M-SPEC-VLV-7342, Rev. F	T1: 2.4.1 T2: 5.4.7 Figure 5.4-10
35	Residual Heat Removal System (RHR)	Heat Exchangers	B001 A, B, C	HX-001 A, B, C	U3-RHR-M-DWG-P&ID-0001-01/02/03, Rev. E	U7-RHR-M-SPEC-ASME-HX-7322, Rev. D	U7-RHR-M-SPEC-HX-7322, Rev. D	T1: 2.4.1 T2: 5.4.7 Figure 5.4-10
36	Residual Heat Removal System (RHR)	Pumps	C001 A, B, C	PUMP-001 A, B, C	U3-RHR-M-DWG-P&ID-0001-01/02/03, Rev. E	U7-RHR-M-SPEC-ASME-PUMP-7387, Rev. D	U7-RHR-M-SPEC-PUMP-7387, Rev. D	T1: 2.4.1 T2: 5.4.7 Figure 5.4-10
37	Residual Heat Removal System (RHR)	Injection Valves	F001, F003, F005, F006 (A,B,C)	FV-0001, HV-0003, FV-0005, CHKV-0006 (A/B/C)	U3-RHR-M-DWG-P&ID-0001-01/02/03, Rev. E	U7-SITE-M-SPEC-ASME-VLV-7384 Rev. E U7-SITE-M-SPEC-ASME-VLV-7342, Rev. F	U7-SITE-M-SPEC-VLV-7384 Rev. E U7-SITE-M-SPEC-VLV-7342, Rev. F	T1: 2.4.1 T2: 5.4.7 Figure 5.4-10
38	Residual Heat Removal System (RHR)	Admission Valves	F012A,B,C	FV-0013 A, B, C	U3-RHR-M-DWG-P&ID-0001-01/02/03, Rev. E	U7-SITE-M-SPEC-ASME-VLV-7342, Rev. F	U7-SITE-M-SPEC-VLV-7342, Rev. F	T1: 2.4.1 T2: 5.4.7 Figure 5.4-10
39	Residual Heat Removal System (RHR)	ECCS Suction Strainer	D001 A, B, C	STNR-001 A, B, C	U3-RHR-M-DWG-P&ID-0001-01/02/03, Rev. E	U7-SITE-M-SPEC-ASME-STNR-7399 Rev. D	U7-SITE-M-SPEC-STNR-7399 Rev. D	T1: 2.4.1 T2: 5.4.7 Figure 5.4-10
40	Standby Liquid Control System (SLC)	Tank	A001	TANK-001	U3-SLC-M-DWG-PID-0001-01, Rev. D	U7-SLC-M-SPEC-ASME-TANK-7333, Rev. B	U7-SLC-M-SPEC-TANK-7333, Rev. B	Figure 9.3-1/Section 2.2.4 (Tier 1)/Table 6.1-1 (Tier 2)
41	Standby Liquid Control System (SLC)	Valve	F006A,F006B	FV-0005A, FV-0005B	U3-SLC-M-DWG-PID-0001-01, Rev. D	U7-SITE-M-SPEC-ASME-VLV-7343 Rev. E	U7-SITE-M-SPEC-VLV-7343 Rev. F	Figure 9.3-1, Table 6.2-7 (Tier 2)
42	Standby Liquid Control System (SLC)	Piping	Various	Various	U3-SLC-M-DWG-PID-0001-01, Rev. D	U7-SITE-P-SPEC-ASME-0002 Rev. B	U7-FAB-P-SPEC-PIPE-7332, Rev. D	Figure 9.3-1
43	Standby Liquid Control System (SLC)	Pumps	C001A, C001B	PUMP-001A, PUMP-001B	U3-SLC-M-DWG-PID-0001-01, Rev. D	U7-SLC-M-SPEC-ASME-PUMP-7386, Rev. D	U7-SLC-M-SPEC-ASME-PUMP-7386, Rev. D	Figure 9.3-1/Section 2.2.4 (Tier 1)
44	Reactor Water Cleanup System (RWCU)	Isolation Valve	F002, F003	FV-0003, FV-0004	U3-RWCU-M-DWG-P&ID-0001-01, Rev. D	U7-SITE-M-SPEC-ASME-VLV-7384 Rev. E	U7-SITE-M-SPEC-VLV-7384 Rev. E	T1/2.6.1 T2/5.4.8 Figure 5.4-12
45	Reactor Water Cleanup System (RWCU)	Remote Manual Shutoff Valve	~~F028~~ F026	FV-0002	U3-RWCU-M-DWG-P&ID-0001-01, Rev. D	U7-SITE-M-SPEC-ASME-VLV-7384 Rev. E	U7-SITE-M-SPEC-VLV-7384 Rev. E	T1/2.6.1 T2/5.4.8 Figure 5.4-12
46	Emergency Diesel Generator System (EDG)	Starting Receiver Tanks and Valves	Receivers: A300A, A301A	See Note	U3-EDG-M-DWG-P&ID-0001-03, Rev. D2	U7-EDG-M-SPEC-ASME-DG-7300 Rev. 1	U7-EDG-M-SPEC-DG-7300 Rev. 1	2.12.13, 9.5.6
47	Emergency Diesel Generator System (EDG)	Safety-related lube oil system	NA	NA	U3-EDG-M-DWG-P&ID-0001-01, Rev. D2	U7-EDG-M-SPEC-ASME-DG-7300 Rev. 1	U7-EDG-M-SPEC-DG-7300 Rev. 1	2.12.13, 7.3.1.1.6, 9.5.7
48	Emergency Diesel Generator System (EDG)	Safety-related diesel cooling water system	NA	NA	U3-EDG-M-DWG-P&ID-0001-02, Rev. D2	U7-EDG-M-SPEC-ASME-DG-7300 Rev. 1	U7-EDG-M-SPEC-DG-7300 Rev. 1	2.12.13, 7.3.1.1.6, 9.5.5