

WBN2Public Resource

From: Crouch, William D [wdcrouch@tva.gov]
Sent: Monday, December 06, 2010 8:30 AM
To: Poole, Justin; Milano, Patrick; Campbell, Stephen
Cc: Adair, James G; Arent, Gordon; Beach, Charles D; Detchemendy, Thomas F; Elton, Thomas L; Freeman, Edwin E; Glover, Christopher Edmund; Hilmes, Steven A; Johnson, Robert M; Knuettel, Edward Terry; Koontz, Frank A Jr; Metzler, Ernest Thomas; Olson, Peter Edwin; Ryan, William T III; Schlessel, Jerry V; Shea, Joe; Spink, Thomas E; Stephenson, Catherine L; Stockton, Rickey A; Thompson, Jeffery S; Tinley, Mary Darlene; Woods, Steven E
Subject: Bucket List 12-06-10
Attachments: NRC PM Open Items List 12-06-10.docx

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Hearing Identifier: Watts_Bar_2_Operating_LA_Public
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Subject: Bucket List 12-06-10
Sent Date: 12/6/2010 8:29:30 AM
Received Date: 12/6/2010 8:29:35 AM
From: Crouch, William D

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MESSAGE	86	12/6/2010 8:29:35 AM
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Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

NRC PM Open Items List
12/06/10
(423) 751-6338 ID 657601

No.	Description	Status	Additional Comments	Resp Org/Person
1.	<p>Step 1 - Submit Cyber Security Plan/Controls and Implementation Schedule. State will be ready for inspection by April 2011.</p> <p>Step 2 - Implement Plan/Controls and Conduct Cyber Security Self Assessment (Ryan)</p>	<p>Step 1 - Complete</p> <p>Step 2 - February 2011</p>	<p>Update Cyber Security Plan IAW NEI 08-09 Rev 6 per NRC letter dated 5/24/10. NRC Inspection early 2011 Need TVA letter to state ready for inspection in April 2011. This item is needed to support the Security SER.</p> <p>Set up phone call between TVA (Nolan Heinrich/Laura Snyder, (423) 751-8831) and NRC (Ralph Costello) to discuss status.</p>	Licensing/ Crouch
2.	NUREG-0847 Appendix update A-12 and A-36 in particular (Ryan)	<p>01/31/2010 04/30/2010 5/26/10 Complete</p>	Letter to update the TVA appendices from NUREG-0847 including the USIs. Need date for completion of A-36 calc being done by Mark Ray. Will write letter to say the two programs will be identical to Unit 1.	Licensing/ Crouch & Eng/Adair
3.	RAIs (Elton) FSAR, SSER	Ongoing	<p>Address the issue of power level for MSLB event being different than from other 4 loop plants. (Draft complete)</p> <p>Hilmes provided list of RAIs for discussion and they were discussed at the 11/16/10 meeting. TVA preparing responses.</p>	Licensing/Eng
4.	SAMA RAIs (Metzler)	<p>Step 1 – 3/31/10 5/14/10 5/28/10 Step 1 Step 1 - Complete Step 2- 10/14/10A Complete 11/1/10A</p>	<p>2-Step Approach Step 1 – Address Initial RAIs Step 2 – Provide comparison of Riskman vs CAFTA results Analysis is complete. Preparing cost estimates of design alternatives. Will resubmit letter with correct report version attached. Will denote as requiring withholding due to sensitive information. Complete</p>	Eng/Koontz
5.	GL 2004-02 submittal of post Unit 1 RAIs (Beach)	Step 1 9/10/10A	Step 1 Report w/o test data	Eng/Koontz

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		Step 2 12/20/10	Step 2 Include test data and remainder of RAI responses	
6.	Provide categorization table for A92 thru A97 (Stockton)	Step 1 6/2/10A Step 2 - Closed	Step 1 - Disks provided on 6/8/10 Step 2 - Need to add a column that identifies change by Amendment Number. Additional info not needed due to later NRC reviews and later FSAR amendments.	Licensing/ Stockton
7.	Develop Plan for early Tech Spec verification (Elton/Stockton)	Verification 2/15/11 Questions 12/3/10	Describe how the Tech Spec template was developed TVA to provide roadmap to compare Unit 1 to Rev A. Provide the markup for each amendment not incorporated into Unit 2 TS and any unique Unit 2 items. Show which sections were revised for each amendment.	Licensing/ Elton
8.	Confirm acceptability of shifting EP drill from May 2011 to July 2011 to support other state drills. (Crouch)	Closed	No NRC objections. Meeting with state on 7/16/10 determined state does not need a U2 drill and thus will not participate. FEMA has determined that no additional drill is required. NRR will provide concurrence in the SER.	NRR
9.	Instrumentation RAI List (Knuettel)	Ongoing	Need final NRC comments that may affect FAT. FAT to start 11/15/10.	Eng/Hilmes
10.	Develop list of planned License Conditions, Exemptions and Relief Requests (Crouch)	9/1/11	Review Unit 1 SER for exemptions.	NRR/TVA
11.	Refurb Program followup items. Include Region Inspection followup items. (Ryan)	Need Date		Eng/Refurb Welch/Schlessel
12.	Fire Protection Report Common Sections (Knuettel)	8/9/10A	Unit 2 Deviations included in Part VII of FPR. Questions moved to Item 15.	Eng/Hilmes
13.	MSO scenarios (Knuettel)	8/20/10A Re-opened 11/9/10A	Add the 3 missing "resolutions" to the summary tables. Remove reference to Unit 1 PERs that do not apply to Unit 2. Add "mods in work" to table of required actions. Explicitly identify OMA that are	Eng/Hilmes

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			being credited to resolve MSO scenarios and reference the Unit 1 approval. Addressed in 11/9/10 letter.	
14.	Markup of Report Changes from Rev 5 to 40 (Knuettel)	8/30/10A Re-opened Complete	Provide additional detail regarding changes and justification. Ensure all changes are marked, justified and addressed in Revision Log. In Revision 7, what was the conclusion of the submittal to the NRC. Include a copy of the 50.59 or LCIE for each change.	Eng/Hilmes
15.	Final Fire Protection Report Submitted (Knuettel)	12/17/10	Specifically address questions from June 11, 2010 RAI Provide better justifications for why changes are required for Unit 2/dual unit operation and why change is technically acceptable.	Eng/Hilmes
16.	Resolve Licensing Basis Preservation Self Assessment PERs (Crouch)			Eng/Freeman
17.	Self Assessments Review (Crouch)	11/19/10	TVA to write letter to tell NRR the self assessments for Refurb and Licensing Basis Preservation are complete and Appendix B records available for their review/audit.	Licensing
18.	IPEEE Response NRC Review (Crouch)	11/9/10A	Provide briefing to NRC reviewers and discuss RAI questions	NRR/TVA/Adair
19.	B.5.b Phase I issue	10/14/10A Complete	Address issues on 7/1/10 submittal regarding locations and shielding. Add commitments from 3/06/07 letter.	Licensing/Lyons
20.	Diesel AOT duration (Spink)			Eng/Hilmes
21.	Schedule/plan for GL89-10 testing (Ryan)	11/1/10A	Provided discussion to NRC Project Manager. Plan included in pre-op testing.	Startup/Olson
22.	Schedule/plan for GL 96-01 testing (Ryan)	11/1/10A	Provided discussion to NRC Project Manager. Plan included in pre-op testing.	Startup/Olson
23.	WCAP reference for NRC approval of new control rod material (Ryan)			Eng/Koontz
24.	Fuel Related RAI comments from 8/3 meeting SNPB 4.2.3-3, 4.3.2-1, SRP 5.2.2 ASME Code analysis, 15.2.14 Inadvertant ECCS, CVCS malfunction	10/14/10A Closed	Close to FSAR RAIs	Eng/Koontz

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	analysis, Fig 15.4-11 poor quality, Fig 15.4-11a vs 15.4-12a bounding reactivity issue			
25.	Schedule for submitting ISI/IST first 10 year plan. What triggers the submittal? (Ryan) What Code year will be used?		6 months prior to License for ISI and 6 months after License for IST. Need to confirm this.	ISI/Tinley
26.	SAMA RAI response- item 5.e need more info regarding can we do something to fix the ones with low values of HCLPF? (Metzler)	11/22/10 for status	Was this fixed in the new analysis? No. Why do the items have low margin? Are there economical fixes to increase the margin?	Eng/Koontz
27.	Shared System GDC 5 - Provide explanation of why we are a hot shutdown vs cold shutdown plant. What events/scenarios are involved? How does this meet GDC 5? How did the NRC approve us as a hot shutdown plant? Do we have a procedure for heating up to hot standby on decay heat? Is the ERCW path to the cooling tower/holding pond seismic? Is the holding pond structure seismic? (Elton)	12/6/10 RAI Submittal	NRC to determine if it is required to put the individual flow rates/heat loads in the FSAR or is only the system value required. TVA to describe the design basis cool down analyses in the FSAR. Address two unit Tech spec shutdown.	Eng/Thompson
28.	Unit 2 Target Sets (Metzler)	Complete	Provide submittal that target sets are developed and they meet the regulatory requirements. Reference the 1st letter (April 2010) and the commitment. Target Sets are complete. Submittal in concurrence.	Corp Security/Glover
29.	Generic Letter 2008-01 Gas Accumulation High Point Vents (Beach) Include latest RAIs	12/17/10	Provide submittal of Engineering Products with commitment for final walkdown in 2011	Licensing
30.	Status on Aquatic Contention (Arent)	12/18/10		Arent
31.	Part 30 and 40 License (Spink)	11/5/10A	Letter issued.	Licensing/Spink
32.	Status of Aux Instrument Room CO ₂ Issue (Ryan)		Discuss with the NRC residents and confirm this is a Unit 1 only issue.	Licensing/Ryan
33.	Unit Difference submittal (Stockton)	10/28/10A 1/15/11	Bulk of Unit Differences addressed by 10/28/10 letter. Need final supplement for remainder of EDCRs	Licensing

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34.	Confirm status of NRC review of Developmental Tech Specs (Elton)	Closed	Combined into Item 7.	Licensing
35.	Add MSIP Description and locations to FSAR (Stockton)	12/10/10	Add to A102	Eng/Thompson
36.	Status of GSI 199 Eastern Seismicity (Crouch)	12/15/10		TVA/NRR
37.	Revise Implementation Plan for QA Records CAP relative to support records. (Stephenson)	Closed	No revision required. All QA records found.	Eng/Johnson
38.	Address ACRS questions - Tritium concentration in plume from leak, WBN versus VC Summer weld flaw commonalities, baffle bolts status (Crouch)			Eng/Freeman
39.	Fuel Pool Hx'r analysis in FSAR (Elton)	11/19/10	Need supplemental RAI response to address current Hx'r, and makeup for evaporation losses	Eng/Thompson
40.	Submit final REP prior to fuel load (Spink)	Complete Item 1 5/1/11 Item 2	NRR to determine if submittal has to occur before License rather than before fuel load. 1. Fix Section 6.0, Event 6.2 in Rev 92xx. 2. Submit EIPs 180 days prior to OL.	EP/ Detchemendy
41.	Close SSER Open items (Crouch)	12/07/10		Licensing
42.	Need comparison of Chapter 15 accident dose source terms for U1 vs U2 and justify the differences (Stockton)			Eng/Koontz
43.	Maintenance Rule - Must be put in place prior to license rather than prior to fuel load (Ryan)	Complete	Issued letter to change commitment to October 2011.	Freeman/ Buchanan
44.	SSER 22 Open Item Indemnity Agreements (Crouch)		Submittal to state we have adequate insurance funds to cover accidents IAW Price Anderson Act	
45.	October 26 Meeting Topics - Sump Strainer RAIs, IPEEE Submittal, Fuel Pool Hx'r status, Tech Spec Rev D,	Closed	Meeting held on 10/26/10	Eng/Koontz/ Enis/Hilmes

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	Setpoint Methodology (Crouch)			
46.	Complete B.5.b Implementation (Ryan)		Implement two unit B.5.b commitments. Provide updated information for tables contained in the 6/29/07 and 7/1/10 letters.	TVA B.5.b Project Manager
47.	Issue two Unit Offsite Dose Calculation Manual (Beach) Review TS Chapter 5 programs also			Chemistry/Woods
48.	Issue Unit 2 Completion Letter (Crouch)			Licensing
49.	Close Licensing Commitments (Elton)		Add/track the commitments that were internal to the IPEEE letter	Licensing
50.	Close 10CFR50.55e/CDRs (Metzler)			Engineering/Licensing
51.	CAP/SP closures (Stephenson)			Eng/Freeman
52.	Maximum Uncertainty Rerate (MUR) Submittal for post U2 Licensing (Spink)			Eng/Koontz
53.	Intake Flow Rate Calc for Impingement (Ryan)			Eng/Thompson
54.	Combined U1/U2 FSAR (Stockton)			Licensing
55.	Final Hydrology Submittal (Ryan)	12/15/10		??
56.	Dual Unit License Resolution (Crouch)			Licensing
57.	Is the new SAMA analysis a replacement for the old SAMA?	Closed	The new analysis addresses the entire SAMA issue and utilizes the updated population data (SECPOP2000 code) and the updated radiological consequences to the public data (WINMACS code) and is therefore a replacement for the old analysis.	Eng/Koontz
58.	Provide feedback on the status of NRC review of Integrated Safeguards Test submittal	11/16/10	Were there any assumptions/lineups in the Unit 1 test that would make the test applicable for single unit operation only? What facility changes have been made that could affect the results of the test and how do we ensure they do not affect the independence? Provide copy of presentation to Bob Haag.	NRR
59.	Address Unit 2 fuel receipt in June 2011 prior to issuance of Unit 2 Tech Specs.	12/17/10	The original Unit 2 SNM number was RIS XLD and the Unit 1 number is RIS XLC. TVA thinks the Unit 2	NRR/TVA Warren x8985

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			license was cancelled. NMSS (Brian Horn and Patricia Smith) have stated the license still shows as active. Need to resolve overall plan/requirements for receipt of Unit 2 fuel under either a new license, old Unit 2 license or existing Unit 1 license. Is the XLD number the correct number?	
60.	Revise TS 3.1.8 to incorporate NRC comments (Stockton)	12/10/10		Rx Eng/Licensing
61.	NOV Denial Response	12/16/10	Letter issued. Public Meeting upcoming.	Eng/Licensing
62.	November 3 Meeting Topics Rx Systems FSAR RAI Responses IPEEE FPC Hx'r analysis status GDC 5 analysis status App R Changes from 5 to 40 status	Complete	Meeting held	Eng/Koontz/Enis Licensing/Crouch
63.	December 9 public meeting	10/28/10A	Confirmed date available for TVA	
64.	NPDES Permit TN0020168 What is the status? Expiration of 12/31/11 vs 2006? Have we reapplied for it? What section of the Clean Water Act was it applied under?	11/8/10A Closed	Provided copy of letter to Dennis Beissell, NRC of September 14, 2010 letter from the state of Tennessee to TVA. NRC stated this letter provided the required info/status.	Licensing/Ryan
65.	Document Control Issues for two letters	12/17/10	7/15, 10/5, 10/21 and 10/29 letters. NRC to reprint 7/15 letter and provide to NRC Document control. TVA/Bechtel to write letter to NRC stating that the info from EDCRs is not proprietary and can be released to the public.	Licensing/Boyd
66.	Submit final as-constructed FSAR figures	10/1/11		
67.	IPEEE RAI Response	12/8/10		ENG/Enis/ Koontz
68.	Part 30/40 License	12/22/10	Determine when the Part 30/40 license is required to be issued. NRR to issue questions from Dennis Lawyer.	Licensing/ Crouch
69.	Meteorology/Dispersion Coefficients	Complete RAIs received	Why is it acceptable to use old Met data if newer Met data has different wind speeds and directions? Is the	ENG/Koontz

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		tracked under item 3.	effect significant?	
70.	Unit 1 Tech Specs		Verify current Unit 1 Tech Specs are acceptable for two unit operation (specifically review common systems).	ENG/Koontz/ Hilmes
71.	Submit TVA IDVP Report to NRC	11/19/10		Eng/Freeman
72.	Joint Dry Run of February ACRS	1/14/11		TVA/NRR
73.	Truncation Error RAI (IPE 14)	12/22/10	TVA working with WEC and EPRI	ENG/Koontz
74.	Chapter 15.5 RAIs	12/17/10		ENG/Koontz/ Wastrack
75.				
76.				
77.				