

WBN2Public Resource

From: Poole, Justin
Sent: Tuesday, February 08, 2011 10:06 AM
To: Raghavan, Rags
Cc: WBN2HearingFile Resource
Subject: FW: NRC Bucket List 2/10/11
Attachments: NRC PM Open Items List 2-10-11.docx

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From: Crouch, William D [<mailto:wdcrouch@tva.gov>]
Sent: Tuesday, February 08, 2011 9:10 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; Gillman, Marie; Glover, Christopher Edmund; Henrich, Nolan T Jr; Hilmes, Steven A; Johnson, Robert M; Jones, Dennis Michael; Knuettel, Edward Terry; Koontz, Frank A Jr; Metzler, Ernest Thomas; Olson, Peter Edwin; Riedl, Christopher John; Schlessel, Jerry V; Shea, Joe; Snyder, Laura L; Spink, Thomas E; Stephenson, Catherine L; Stockton, Rickey A; Thompson, Jeffery S; Tinley, Mary Darlene; Woods, Steven E
Subject: NRC Bucket List 2/10/11

Updated list for the 2/10/11 telecon.

William D. (Bill) Crouch
(423) 365-2004 WBN
(256) 777-7676 Cell

Hearing Identifier: Watts_Bar_2_Operating_LA_Public
Email Number: 241

Mail Envelope Properties (19D990B45D535548840D1118C451C74D7EFF5441D4)

Subject: FW: NRC Bucket List 2/10/11
Sent Date: 2/8/2011 10:05:43 AM
Received Date: 2/8/2011 10:05:45 AM
From: Poole, Justin

Created By: Justin.Poole@nrc.gov

Recipients:

"WBN2HearingFile Resource" <WBN2HearingFile.Resource@nrc.gov>

Tracking Status: None

"Raghavan, Rags" <Rags.Raghavan@nrc.gov>

Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

Files	Size	Date & Time
MESSAGE	987	2/8/2011 10:05:45 AM
NRC PM Open Items List 2-10-11.docx		43696

Options

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

NRC PM Open Items List
2/10/11
(423) 751-6338 ID 657601

No.	Description	Status	Additional Comments	Resp Org/Person
1.	Cyber Security Plan/Controls and Implementation	Assess CDAs/Identify Mods 2/28/11 Scope Mods 3/31/11 TI issued 5/30/11 NRC Table Top/Pilot TBD Procedures complete 9/30/11 Inspection 10/23/11	Update Cyber Security Plan IAW NEI 08-09 Rev 6 per NRC letter dated 5/24/10. NRC Inspection in 2011	Heinrich/Snyder
2.	NUREG-0847 Appendix update A-12 and A-36 in particular (Ryan)	01/31/2010 04/30/2010 5/26/10 1/25/11A Closed	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. Revise letter to address the remaining USIs	Licensing/ Crouch & Eng/Adair
3.	RAIs (Elton) FSAR, SSER	Ongoing		Licensing/Eng
4.	SAMA RAIs (Metzler)	Step 1 – 3/31/10 5/14/10	2-Step Approach Step 1 – Address Initial RAIs Step 2 – Provide comparison of Riskman vs CAFTA	Eng/Koontz

No.	Description	Status	Additional Comments	Resp Org/Person
		5/28/10 Step 1 - Complete Step 2- 10/14/10A Complete 11/1/10A	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	
5.	GL 2004-02 submittal of post Unit 1 RAIs (Beach)	Step 1 9/10/10A Step 2 3/31/11	Step 1 Report w/o test data Step 2 Include test data and remainder of RAI responses	Eng/Koontz
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)	2/11/11	Describe how the Tech Spec template was developed TVA to provide roadmap to compare Unit 1 TS at initial U2 Reg Framework Letter to Rev A. This will address amendments 67 to 70. Rev B addresses amendment 70 to current Rev 83. TVA to also address amendments which do not apply to U2 (e.g., tritium). 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		Eng/Hilmes
10.	Develop list of planned License	9/1/11	Review Unit 1 SER for exemptions.	NRR/TVA

No.	Description	Status	Additional Comments	Resp Org/Person
	Conditions, Exemptions and Relief Requests (Crouch)			
11.	Refurb Program followup items. Include Region Inspection followup items.	1/28/11A	NRC Inspection on 1/24/11. This item is tracked by the Region. Close item on this list.	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 OMAs that are being credited to resolve MSO scenarios and reference the Unit 1 approval. Addressed in 11/9/10 letter.	Eng/Hilmes
14.	Markup of Report Changes from Rev 5 to 40 (Knuettel)	8/30/10A Re-opened 12/21/10A Complete	Provide additional detail regarding changes and justification. Address questions received verbally on 12/08/10.	Eng/Hilmes
15.	Final Fire Protection Report Submitted (Knuettel)	12/18/10A Complete	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. Provide better description of the process used to formulate the OMAs.	Eng/Hilmes
16.	Resolve Licensing Basis Preservation Self Assessment PERs (Crouch)	3/1/11	NRC/NRR Inspection in March	Eng/Freeman
17.	Self Assessments Review (Crouch)	12/14/10A	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

No.	Description	Status	Additional Comments	Resp Org/Person
20.	Diesel AOT duration (Spink)	Close	Unit 1 addressing this issue.	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)	Complete	See WCAP-9500	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 analysis, Fig 15.4-11 poor quality, Fig 15.4-11a vs 15.4-12a bounding reactivity issue	10/14/10A Closed	Close to FSAR RAIs	Eng/Koontz
25.	Schedule for submitting ISI/IST first 10 year plan. What triggers the submittal? (Ryan) What Code year will be used? (Casey)	1/13/11A	ISI is required to be submitted 6 months after startup. Issued letter for PSI Code year.	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)	Closed	Was this fixed in the new analysis? No. Why do the items have low margin? Are there economical fixes to increase the margin? This item is covered by the SAMA RAI	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)	12/10/10 Closed by RAI response on 12/10/10	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

No.	Description	Status	Additional Comments	Resp Org/Person
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	2/18/11	Provide submittal of Engineering Products with commitment for final walkdown in 2011	Eng/Helms
30.	Status on Aquatic Contention (Arent)	3/18/11	Thermal-hydraulic submittal by 2/8/11A Impingement/Entrainment info by 3/18/11	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/Crouch
33.	Unit Difference submittal (Stockton)	10/28/10A 3/15/11	Bulk of Unit Differences addressed by 10/28/10 letter. Need final supplement for remainder of EDCRs	Licensing
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)	1/14/11A	Add to A103	Eng/Thompson
36.	Status of GSI 199 Eastern Seismicity (Crouch)	2/15/11		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)	2/24/11		Eng/Freeman
39.	Fuel Pool Hx'r analysis in FSAR (Elton)	12/10/10 Closed by RAI response on 12/10/10	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	NRR to determine if submittal has to occur before License rather than before fuel load.	EP/Detchemendy

No.	Description	Status	Additional Comments	Resp Org/Person
		5/1/11 Item 2	1. Fix Section 6.0, Event 6.2 in Rev 92xx. 2. Submit EIPs 180 days prior to OL.	
41.	Close SSER Open items (Crouch)	12/06/10A		Licensing
42.	Need comparison of Chapter 15 accident dose source terms for U1 vs U2 and justify the differences (Stockton)	12/22/10A Complete	Submitted	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)	Closed	Submittal to state we have adequate insurance funds to cover accidents IAW Price Anderson Act. This was addressed by TVA's 4/29/10 letter on this subject	
45.	October 26 Meeting Topics - Sump Strainer RAIs, IPEEE Submittal, Fuel Pool Hx'r status, Tech Spec Rev D, Setpoint Methodology (Crouch)	Closed	Meeting held on 10/26/10	Eng/Koontz/ Enis/Hilmes
46.	Complete B.5.b Implementation (Hemmer)	Diesel on Site 6/1/11 Pump Relocation 6/17/11 Procedures Issued 6/30/11 Inspection - August 2011 Phase I commitments 2/11/11	Implement two unit B.5.b commitments. Provide updated information for tables contained in the 6/29/07 and 7/1/10 letters. Letter did not address Phase I commitments	Hemmer

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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)	12/10/10 Complete	Provided calc to TVA Lawyers and Gordon	Eng/Thompson
54.	Combined U1/U2 FSAR (Stockton)			Licensing
55.	Final Hydrology Submittal (Ryan)	1/24/11A Closed	Submitted with commitments on Chapter 3.8 and Dam Stability	Licensing
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	SSER 23	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.	1/25/11A	The original Unit 2 SNM number was RIS XLD and the Unit 1 number is RIS XLC. TVA thinks the Unit 2 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	NRR/TVA Warren x8985

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			Unit 2 license or existing Unit 1 license. Is the XLD number the correct number? TVA to issue letter to confirm procedure changes are complete and to confirm using single RIS code.	
60.	Revise TS 3.1.8 to incorporate NRC comments (Stockton)	1/27/11A		Rx Eng/Licensing
61.	NOV Denial Response	2/18/11	Letter issued. Public Meeting held. TVA developing final actions.	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/Crouc h
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	2/15/11	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 provide non-proprietary version of documents that can be released to the public. TVA to provide revised letter that says non-prop once prop documents removed.	Licensing/Boyd
66.	Submit final as-constructed FSAR figures	10/1/11		
67.	IPEEE RAI Response	12/21/10A Complete	All info received. Preparing letter.	ENG/Enis/ Koontz
68.	Part 30/40 License	2/2/11A	Determine when the Part 30/40 license is required to be issued. NRR to issue questions from Dennis Lawyer. Received letter dated 11/24/10 on 12/13/10 with due date of 12/24/10. Discussed with Dennis	Licensing/ Crouch

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			Lawyer to extend date to 1/7/11.	
69.	Meteorology/Dispersion Coefficients	Complete RAIs received tracked under item 3.	Why is it acceptable to use old Met data if newer Met data has different wind speeds and directions? Is the effect significant?	ENG/Koontz
70.	Unit 1 Tech Specs		Verify current Unit 1 Tech Specs are acceptable for two unit operation (specifically review common systems).	Unit 1 Licensing
71.	Submit TVA IDVP Report to NRC	1/14/11A	Provided to NRC Region II	Eng/Freeman
72.	Joint Dry Run of February WRAG (Feb 14) and ACRS (Feb 24)	2/1/11	ACRS presentation to provide status of each licensing issue	TVA/NRR
73.	Truncation Error RAI (IPE 14)	1/31/11A	Telecon scheduled for 1/21/11. Submittal must tell what caused the error, what we did to fix the error and did we understand the error so that it was fixed properly.	ENG/Koontz
74.	Chapter 15.5 RAIs	12/10/10 RAI response on 12/10/10 2/18/11	Additional question regarding data from 2008-2009	Wastrack
75.	Fire Protection Report Questions regarding OMAs and Rev 40	Meeting 1/21/11 Response 2/28/11	Provide verbal response at meeting. Include formal response with 2/28/11 submittal of reanalysis.	
76.	IST Tech Spec Change	2/11/11 Draft Available		
77.	SAMA RAI	1/31/10A	Complete	Eng/Koontz
78.	Environmental Phone call to discuss intake flow rate/velocity at IPS and SCCW in EIS versus NPDES.	2/11/11	Telecon held. Response in progress	Environmental/Hopping
79.	Verify Tech Spec Setpoints match calcs			Eng/Hilmes
80.	Letter to terminate Part 30/40 License after receipt of Part 50 License			
81.	SSER 22 Open Items Response			
82.	Part 30/40 verbal requests from Dennis	2/8/11	Three questions related to surveillance capsules,	

No.	Description	Status	Additional Comments	Resp Org/Person
	Lawyer		waste management practices and source registry	
83.				
84.				
85.				