

## WBN2Public Resource

---

**From:** Poole, Justin  
**Sent:** Wednesday, October 13, 2010 12:50 PM  
**To:** Raghavan, Rags  
**Cc:** WBN2HearingFile Resource  
**Subject:** FW: NRC Bucket List 10/14/10  
**Attachments:** NRC PM Open Items List Archive 10-14-10.docx; NRC PM Open Items List 10-14-10.docx

---

**From:** Crouch, William D [<mailto:wdcrouch@tva.gov>]  
**Sent:** Wednesday, October 13, 2010 12:23 PM  
**To:** Poole, Justin; Wiebe, Joel; Milano, Patrick; Campbell, Stephen; [raghavan@nrc.gov](mailto:raghavan@nrc.gov)  
**Cc:** Shea, Joseph W; Arent, Gordon; Riedl, Christopher John; Brandon, Michael Keyes  
**Subject:** NRC Bucket List 10/14/10

Attached are two versions of the bucket list. The first file is the updated version of the file we have been using for the last several months. The second file is a reduced version in which I have purged all of the completed actions and added in responsible org/name. If this is ok with the NRC, I would like tomorrow to have some verification that the updates to the old list are acceptable and then archive that list. Then we would transition to the new list and track actions just like we have been doing but with a new starting list.

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

**Hearing Identifier:** Watts\_Bar\_2\_Operating\_LA\_Public  
**Email Number:** 139

**Mail Envelope Properties** (19D990B45D535548840D1118C451C74D6FD362431C)

**Subject:** FW: NRC Bucket List 10/14/10  
**Sent Date:** 10/13/2010 12:49:42 PM  
**Received Date:** 10/13/2010 12:49:46 PM  
**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

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	945	10/13/2010 12:49:46 PM
NRC PM Open Items List Archive 10-14-10.docx		51645
NRC PM Open Items List 10-14-10.docx		27579

**Options**

**Priority:** Standard

**Return Notification:** No

**Reply Requested:** No

**Sensitivity:** Normal

**Expiration Date:**

**Recipients Received:**

**NRC PM Open Items List**  
**10/14/10**  
**(423) 751-6338 ID 657601**

No.	Description	Status	Additional Comments
	Respond to Refurbishment meeting questions	C - 9/22	
	Respond to Replacement Items question	C - 9/15	
	Letter on MSIP	C - 11/04	
	List of I&C systems and affected FSAR section	C - 9/17	
	List of open commitments	C - 10/1	
	Resolve fifth DG licensing basis	C- 11/24 FSAR A95	NPG Issue Rod Krich
	EDCR Proc Appendix J	C - 9/8	
	FSAR drawings	C - 10/13	
	List of Project Milestones	C - 9/24	
	Public Meeting Part 70 License	C - 10/22	Application submitted 11/11
	Decision on incorporating TSTF-493 (this will require you to develop a setpoint control program)	C - 11/18	Follow BFN path
	Other Unit 1 TSs that require revision for dual-unit operation (a list of any to start with)	C - 11/30	
	Provide info on your material purchases so that NRC can decide if vendor inspections are warranted.	C - 10/6	
	Test sequence schedule for Eagle-21 Factory Acceptance Testing	C - 11/23	
	PRA/IPE/ submittal in Jan 2010	C - 2/9/10	
	Estimated schedule for cold and hot functional testing	C - 9/24	
	On-site emergency preparedness drill	C - 9/24	
	Current lists of items recommended in SECY 07-0096: e.g., betterments, adopt updated standards for Unit 2 where it would not significantly detract from design and operational consistency between Units 1 and 2, opportunities to resolve GSIs, exemptions/reliefs	List Available Now	
	Evacuation time estimates and State/local EP Plans	C - 12/3	
	Support Contracts	C - 12/14	

No.	Description	Status	Additional Comments
	Security Plan update (cyber security)	C - 11/23	
	FSAR Chapter 7 I&C	C - 12/14	A-96
	Commitment list for WRAG	C - 2/18/10	List ready
	Big FSAR drawings for 9.2.1, 9.2.2 and 9.2.5	C- 1/20	
	Refurbishment Electrical RAI	C - 2/5/10	
	Draft I&C RAI	3/8/10	Complete
	RM-1000 Proprietary Documents and schedule for nonP	3/8/10	Ps will be in I&C RAI response
	Presevice Inspection/Refurbishment - example implementing procedures for audit	12/31/09	Regional Request Complete.
	Additional information related to GLs/ Bulletins / TMI items		Region II request - Bulletins sent
	Environmental RAIs	<del>3/12/10</del> Step 1 Complete	
	TS / TRM meeting ?	3/30/10	Meeting Set
	Preservice Inspection Additional Information	<del>3/12/10</del> 04/02/2010 04/19/2010	Drawings and preservice scope to be provided In-signoff
1.	PSI Commitments – Revised PSI procedure and ASME Inspection Plan and Schedule (Chinn)	Complete	
2.	Security Plan update	<del>05/28/10</del> 05/14/10A	RAI response submitted. Plan submitted.
3.	List of TVA QA and Bechtel self-assessments on implementation of licensing basis program, refurb program, etc. (Metzler)	Complete	List of self assessments provided for NRC selection on 8/3/10. See item 95 for NRC action.
4.	EAL procedure revisions (Walt Lee) (Lyons)	<del>04/10/2010</del> <del>04/20/2010</del> <del>04/29/10</del> 10/12/10A	RAIs received In-Review/Signoff <del>RAIs submitted 4/26</del> <del>NRC questions: Are the EALs the same for U1 and U2?</del> Potential RAI on evacuation time estimate.
5.	Antitrust Info - Gap analysis	<del>3/12/10</del> <del>04/02/2010</del> <del>04/23/2010</del>	Complete - Department of Justice Review

No.	Description	Status	Additional Comments
		<del>04/29/10</del> 5/13/10A	started 9/1/10
6.	Step 1 - Submit Cyber Security Plan/Controls and Implementation Schedule. State will be ready for inspection by April 2011.  Step 2 - Conduct Cyber Security Self Assessment (Pointer)	Step 1 - Complete  Step 2 - TBD	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
7.	NUREG-0847 Appendix update (Pointer) A-12 and A-36 in particular	<del>01/31/2010</del> <del>04/30/2010</del> 5/26/10 10/8/10	Letter to update the TVA appendices from NUREG-0847 including the USIs.
8.	IDVP Rationale for system selection	<del>4/22/10</del> 5/12/10A	System selected CCS and RHR. Scheduled for week of 9/28/10. Wally Justice to lead. NRC Question: Who did the IDVP for U1?
9.	SBO assumptions	W/ A98	FSAR A75 sent, needs additional clarification to ensure assumptions and coping strategy remain unchanged.- Need to Docket result. Define where in FSAR the info is located. Info provided. See item 71.
10.	Environmental RAIs	Step 2 due <del>4/30/10</del> 05/12/10A	Complete
11.	Regulatory Framework Update	<del>3/18/10</del> <del>4/9/10</del> 4/30/2010	Complete 4/29
12.	IPEEE submittal	<del>3/31/10</del> <del>04/19/2010</del> 04/30/10	In Review/Signoff Comment incorporation in progress Complete - Fed Ex'd out

No.	Description	Status	Additional Comments
13.	FSAR RAIs (Elton)	Ongoing	
14.	FSAR RAIs 11, 12, 14		Closed to Item 13
15.	FSAR RAIs 3.8-1 thru 3.8-5		Closed to Item 13
16.	FSAR RAIs 3.5.1 & 3.5.3, 3.10		Closed to Item 13
17.	FSAR RAIs 3.2.2		Closed to Item 13
18.	FSAR RAIs 2.3		Closed to Item 13
19.	FSAR RAIs 9.4.4 & 9.4.8		Closed to Item 13
20.	FSAR RAIs 9.3.2, 9.2.6		Closed to Item 13
21.	FSAR RAIs 11.3 & 11.4		Closed to Item 13
22.	Amendment 98	4/15/10 4/23/10 4/30/10 5/7/10A	Complete
23.	Hydrology Section 2.4	w/A98	Complete
24.	Buried Piping/Cable White Paper (Lyons)	6/3/10A	Complete
25.	ACRS Meeting Preparations SR Refurb (Valves, Pumps, Motors) – totals, refurb, replace Fire Protection Program Buried Piping & Cables, other technical issues (Crouch)	Complete	Develop Agenda
26.	Refurbishment Mtg – Overall Program: Region/NRR/TVA (Crouch/Charlton)	Complete	Purpose of meeting accomplished by NRR review of Refurb program document and Region inspection of program
27.	SAMA RAIs (Metzler)	Step 1 – 3/31/10 5/14/10 5/28/10 Step 1 Step 1 - Complete Step 2- 10/14/10	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.
28.	Indemnity Letter	04/02/2010 04/23/2010 04/29/10	Complete
29.	3/12/2010 submittal rejected by ADAMs due to duplicate and missing pages • duplicate documents for	5/11/10A	Complete

No.	Description	Status	Additional Comments
	<p>Rosemount 3051 Vendor document dated March of 2008,</p> <ul style="list-style-type: none"> <li>• Duplicate documents dated November 2009 with missing pages 3-1 through 3-6</li> <li>• Duplicate CAM documents,</li> <li>• EDCR – 2-523343-A missing pages 1, 11,12,13,14,15,16 &amp; 17 of 17– need to resubmit with correct documentation</li> <li>• RM-100 Vendor test report missing page 6 of Appendix F</li> </ul> <p>Need to confirm duplicates are not required</p> <p>Provide missing sheets to Joel</p>		
30.	<p>12/14/2009 Cultural resources submittal rejected by ADAMS</p> <ul style="list-style-type: none"> <li>• Missing pages 3, 5, &amp; 7 and now is lost.</li> <li>• We need to resubmit with correct documentation again.</li> </ul>	<p>4/26/10 Complete 4/23/10</p>	Complete
31.	<p>TVA – what is the schedule for the Fire Protection Plan submittal accounting for WBN 2 within the plan? What changes have occurred to the Unit 1 plan since last submitted to NRC? (Knuettel/Woodfin)</p>	<p>Complete 7/16/10A</p>	<p>Will provide another briefing on Fire Protection in an upcoming bi-weekly meeting</p>
32.	<p>Part 70 and 50 License Telecon regarding EP and Security with NMSS</p>	<p>05/05/2010A</p>	Telecon Held
33.	<p>Pre-1995 Program Review Status for Generic Letters and TMI items</p>	<p>04/30/2010</p>	Closed - Duplicate of Item 11
34.	<p>Electrical RAIs (<del>Includes Control Room Lighting?</del>)</p>	<p>05/27/2010A</p>	Complete
35.	<p>IPE/PRA RAIs on Peer Review (Metzler)</p>	<p>Complete</p>	<p>Include information regarding the status of the F&amp;Os Additional questions during 5/13/10 telecon</p>
36.	<p>Internal Setpoint Methodology</p>	<p>5/12/10A</p>	Complete
37.	<p>Information for upcoming NRC visit to Westinghouse for Eagle 21 FAT</p>	<p>4/23/10</p>	Complete

No.	Description	Status	Additional Comments
	<ul style="list-style-type: none"> <li>• Updated GANT Chart - not required</li> <li>• <del>Points of Contact</del></li> <li>• <del>Testing to be Performed</del></li> <li>• <del>Location &amp; Hotels</del></li> </ul>		
38.	Find & Forward: Radiation Records Data Collection and Analysis date January 4, 1994.	Closed	Addressed by RAI on SNM License
39.	GL 2004-02 submittal of post Unit 1 RAIs (Pointer)	Step 1 9/10/10A  Step 2 12/15/10	Step 1 Report w/o test data  Step 2 Include test data
40.	Discrepancy between A95 and A97 for Rev bars in Section 5.5.2.1; A97 P 5.5-9 no Rev bars, A95 P5.5-14 no Rev bars	With A98	Complete
41.	Section 5.5.2.4 last paragraph address Tech Spec requirement words	W/ A98	Complete
42.	Provide categorization table for A92 thru A97 (Stockton)	Step 1 6/2/10A  Step 2 - TBD	Step 1 - Disks provided on 6/8/10  Step 2 - Need to add a column that identifies change by Amendment Number
43.	Issue PER and extent of condition for FSAR errors (Metzler/Stockton)	Complete	PER 233219
44.	Plan for combining Unit 1 and Unit 2 FSARs post U2 Licensing		Closed to Item 52
45.	Plan for NRC review of Fire Protection Report	5/11/10 mtg	Duplicate of 31
46.	Issue letter to change TVA WBN Licensing personnel and distribution lists for NRR and Region (Crouch)	Complete	I
47.	Add Station Blackout section to FSAR	W/ A98	Closed - See Item 71
48.	Provide FMEA for 125 VDC system (Pointer)	Complete	Presentation made in bi-weekly meeting
49.	NRC review of vendor procurement documents (Charlton)	Complete	Audit Scheduled for July
50.	Schedule for Maintenance Rule Implementation	Closed	Addressed by Reg Framework Letter
51.	ACRS Meeting Preparations Unit 2 status, Buried Piping & Cables, Integrated Safeguards Test	Closed	Provide Slides for October 6 Meeting
52.	Discuss status of the U1/U2 Integration	Discussed at	When does U1



No.	Description	Status	Additional Comments
	Team. Who is responsible for plant from now until U2 Licensing? (Pointer)	Sept 2010 WRAG	PORC assume control of U2? Will discuss at August mtg at WBN
53.	Develop Plan for early Tech Spec verification (Elton/Stockton)	Need Schedule	Describe how the Tech Spec template was developed
54.	Discuss dual unit operator licenses (Metzler)	Discussed at bi-weekly meetings - Closed pending Region review of 8/27/10 submittal	Mtg held on 7/20 between U1 and Region. Provide details of mtg to NRR.
55.	Provide plan for providing a single Emergency Plan for Unit 1 & 2 to NRC		Closed - Discussed on 5/17. Will minimize Unit 1 revisions.
56.	March 2009 Emergency Plan response showed additional staffing in Rev 88 but not in Rev 89. Address why it changed.		Information provided to Joel Wiebe on 5/11/10. Amendment 98 did not replace the template. This was explained in a letter dated 3/11/10.
57.	Provide Appendix R discussion of RCP #1 Seals need for cooling.	5/20/10A	Unit 2 will have the same seals as Unit 1 therefore post fire cooling is required.
58.	For info in the FSAR that is "as-designed/not confirmed yet" such as stress, is the info Unit 2 as designed or Unit 1 as constructed? (Knuettel)	7/6/10A	Provided discussion regarding how issue is tracked via UVAs. NRC stated no need for submittal at this time.
59.	<p>Eagle 21 FAT Issues</p> <ol style="list-style-type: none"> <li>1. Provide NRC with difference form from WBN Design change package EDCR 52319 Unit Diff Form provided</li> <li>2. Provide NRC a statement of the new power supplies have been installed by TVA in WBN 1 – that how the equipment was</li> </ol>	Closed by 7/30/10 letter	Need Submittal

No.	Description	Status	Additional Comments
	<p>installed via equivalency evaluation from Westinghouse. WO 08-813412-000</p> <p>3. Provide NRC with Rack 5 issue cause determination and corrective actions needed for resolution</p> <p>4. Was a PER written and an Extent of Condition performed? Westinghouse PER initiated. Cause analysis and extent of condition in process (Lyons)</p>		
60.	Biweekly meeting on Shared Systems	5/25/10A	Complete - See Item 68 for follow up meeting
61.	<p>Rx Systems RAI</p> <p>FSAR 15.2.14 Inadvertent SI @ Power - RIS on subject not addressed</p> <p>FSAR 5.2.2 and 5.5.13 - Does not address Overpressure Protection relief capacity at power (Elton)</p>	Closed to Item 13	Confirmed contained in the list for Item 13
62.	A97 Sect 5.5.1.2 - Verify if TVA will do a periodic ISI inspection of the RCP flywheel versus taking credit for the vibration monitoring system (Pointer)	Closed	Addressed in NRC EMCB RAI
63.	Provide discussion of missing QA Records Was a PER written? What was the cause? What is the regulatory impact? What happened from 1985 to 1995 on Unit 1 pipe supports that makes Unit 1 different than Unit 2? Why was the same process not applied to Unit 2? What went wrong? How did we lose the records? Address 10CFR50 Appendix B Control of Records. Does the CAP and/or Implementation Plan need to be changed? (Stephenson)	9/30/10A See item 125	Implementation plan to be revised due to inability to retrieve pipe/duct hanger records. will utilize records from the HAAUP and HVAC Duct programs as replacement records.
64.	Confirm acceptability of shifting EP drill from May 2011 to July 2011 to	Re-Opened	No NRC objections. Meeting with state on 7/16/10

No.	Description	Status	Additional Comments
	support other state drills. (Crouch)		determined state does not need a U2 drill and thus will not participate. TVA/NRC to address issue with FEMA
65.	Three issues identified regarding environmental items: <ol style="list-style-type: none"> <li>1. Three reports (Baxter)</li> <li>2. Water samples different</li> <li>3. Addressing three reactor events (locked rotor, RCP shaft break, ???)</li> </ol> Look at ML101370186 for NRC telecom minutes for 5/15/10. (Lyons)	Closed 7/6/10A	
66.	Control Room Lighting RAI (Elton)	Closed to Item 13.	
67.	Instrumentation RAI List (Knuettel)	Ongoing	
68.	Shared Systems Meeting (Crouch)	8/17/10A	
69.	Emergency Preparedness RAI (Lyons)	Complete	
70.	Part 70 and 50 License RAI regarding EP from NMSS (Lyons)	7/30/10A - Complete	Corporate provided response
71.	NRC reviewing the Station Blackout Design Criteria to determine if it provides the info they are requesting. (Stockton)	Complete	NRC stated that answering the FSAR RAI questions will provide the required info.
72.	Questions on A98 rev bars- Sections 8.3.1.1, 9.4, 11.2.6, 11.3, 15.2 (Stockton)	Closed	Discussed with NRC
73.	Appendix R changes from Rev 0 to current (Boyd/Woodfin)	Closed to Item 31	
74.	Technical Specifications Change WBN-TS-10-05 - Control Rod Assemblies (Lyon)	8/15/10A	
75.	Provide letter regarding Conformal Coatings on Eagle 21 boards.	Complete	
76.	Provide commitment letter on B.5.b assumptions and backup power to H <sub>2</sub> igniters being the same as Unit 1 - (i.e.,procedural guidance)	Closed	7/01/10A

No.	Description	Status	Additional Comments
77.	Answer RAI related to Spent Fuel Pool Heat Loads specific to Unit 2 only.	Closed to Item 13	
78.	X-750 Bolt Material Issue (Elton)	Closed	Submittal issued 6/29/10A
79.	Control Rod Tech Spec Change (Elton)	Closed	Duplicate of item 74
80.	Develop list of planned License Conditions		
81.	Submit Licensing Basis Preservation Review Results	Complete	
82.	IPE RAI Questions (Metzler)	Complete 8/12/10A	
83.	Anti Trust RAI (Lyons)	Complete	
84.	Security Plan Update based on telecon (Corporate)	Complete	
85.	Hazardous Chemical RAI for Emergency Planning from e-mail	9/17/10A	
86.	August 3 Agenda Items FSAR RAIs IST SAMA RAI ACRS Agenda	Complete	
87.	FSAR Amendment 100 with RAI incorporation and Setpoint Methodology writeup	Closed 9/1/10A	
88.	Refurb Program followup items		
89.	Baseline list of OMAs	8/9/10A	
90.	Fire Protection Report Common Sections	8/9/10A Re-opened	Unit 2 Deviations included in Part VII of FPR.  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.
91.	MSO scenarios	8/20/10A Re-opened	Add the 3 missing "resolutions" to the summary tables. Remove reference to Unit 1 PERs that

No.	Description	Status	Additional Comments
			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.
92.	Markup of Report Changes from Rev 5 to 40	8/30/10A Re-opened	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.
93.	Final Fire Protection Report Submitted	12/17/10	
94.	Resolve Licensing Basis Preservation Self Assessment PERs		
95.	Self Assessments Review	10/15/10	NRR select assessments for onsite review
96.	Resolve ASME Code Year approval for Section XI and OM	Complete	Based on NRC Report, code to be approved in May 2011
97.	Chapter 11/12 RAIs	Closed	NRR to provide to TVA. Included in Item 13
98.	Meteorology RAI	Closed	NRR to provide to TVA. Included in Item 13
99.	Evacuation time estimate for transportation dependent people RAI Did the 2009 data confirm the 2000 data is unchanged? Rad Monitor reading factor of 10 issue.	8/13/10A	
100.	IPEEE Response NRC Review	10/26/10	Provide briefing to NRC reviewers
101.	Integrated Safeguards Testing Issue	9/17/10A	Initial discussion

No.	Description	Status	Additional Comments
			held with NRR, Region and Residents. Provide justification submittal addressing impact on U1 loads and description of U1 testing. Justify why dual unit operation does not invalidate previous testing.
102.	B.5.b Phase I issue	10/15/10	Address issues on 7/1/10 submittal regarding locations and shielding. Add commitments from 3/06/07 letter.
103.	Diesel AOT duration		
104.	IDVP plan, date, personnel and resumes	9/28/10A	Provide to Milano and Julian
105.	Schedule/plan for GL89-10 testing		
106.	Schedule/plan for GL 96-01 testing		
107.	WCAP reference for NRC approval of new control rod material		
108.	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	10/12/10	
109.	Schedule for submitting ISI/IST first 10 year plan. What triggers the submittal?		
110.	SAMA RAI response- item 5.e need more info regarding can we do something to fix the ones with low values of HCLPF?		
111.	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?	10/26/10	Provide flow rates/heat load/cool down analyses. Address two unit Tech spec shutdown.

No.	Description	Status	Additional Comments
	Is the ERCW path to the cooling tower/holding pond seismic? Is the holding pond structure seismic?		
112.	B.5.b/LOLA submittal - Address Unit 1 commitments for Hydrogen Igniter, skid mounted diesels and location of power supply	Closed - duplicate of item 102.	Confirm ignitors have backup power
113.	Unit 2 Target Sets	11/15/10	Need concurrence from NSIR regarding inspection impact of new date
114.	FSAR Chapter 7 50.59 RAI	Complete	
115.	Generic Letter 2008-01 Gas Accumulation High Point Vents	10/29/10	Provide submittal of Engineering Products with commitment for final walkdown in 2011
116.	Status on Aquatic Contention	10/21/10	
117.	Part 30 and 40 License	10/15/10	
118.	Status of Aux Instrument Room CO <sub>2</sub> Issue		Confirm this is a Unit 1 only issue.
119.	Set up telecon/meeting for fuel thermal conductivity issue	Closed	Mtg held in Rockville. FSAR RAI addressing the issue.
120.	Unit Difference submittal	10/19/10	
121.	Common Q Audit Trip	9/20-21/10A	
122.	Confirm status of NRC review of Developmental Tech Specs	10/20/10	Phone call with reviewer to discuss status of review.
123.	Add MSIP Description and locations to FSAR		
124.	Status of GSI 199		
125.	Revise Implementation Plan for QA Records CAP relative to support records.		
126.	Address ACRS questions - Tritium concentration in plume from leak, WBN versus VC Summer weld flaw commonalities, baffle bolts status		

**NRC PM Open Items List**  
**10/14/10**  
**(423) 751-6338 ID 657601**

No.	Description	Status	Additional Comments	Resp Org/Person
1.	Step 1 - Submit Cyber Security Plan/Controls and Implementation Schedule. State will be ready for inspection by April 2011.  Step 2 - Conduct Cyber Security Self Assessment (Pointer)	Step 1 - Complete  Step 2 - TBD	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	Licensing/ Crouch
2.	NUREG-0847 Appendix update (Pointer) A-12 and A-36 in particular	<del>01/31/2010</del> <del>04/30/2010</del> 5/26/10 10/8/10	Letter to update the TVA appendices from NUREG-0847 including the USIs.	Licensing/ Crouch
3.	FSAR RAIs (Elton)	Ongoing		Licensing/Eng
4.	SAMA RAIs (Metzler)	Step 1 – <del>3/31/10</del> 5/14/10 <del>5/28/10</del> Step 1 Step 1 - Complete Step 2- 10/14/10	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.	Eng/Koontz
5.	GL 2004-02 submittal of post Unit 1 RAIs (Pointer)	Step 1 9/10/10A  Step 2 12/15/10	Step 1 Report w/o test data  Step 2 Include test data	Eng/Koontz
6.	Provide categorization table for A92 thru A97 (Stockton)	Step 1 6/2/10A  Step 2 - TBD	Step 1 - Disks provided on 6/8/10  Step 2 - Need to add a column that identifies change by Amendment Number	Licensing/ Stockton
7.	Develop Plan for early Tech Spec verification (Elton/Stockton)	Need Schedule	Describe how the Tech Spec template was developed	Licensing/ Elton
8.	Confirm acceptability of shifting EP	Re-Opened	No NRC objections. Meeting with state on 7/16/10	NRR



No.	Description	Status	Additional Comments	Resp Org/Person
	drill from May 2011 to July 2011 to support other state drills. (Crouch)		determined state does not need a U2 drill and thus will not participate. NRC to address issue with FEMA	
9.	Instrumentation RAI List (Knuettel)	Ongoing		Eng/Hilmes
10.	Develop list of planned License Conditions			Licensing/Crouch
11.	Refurb Program followup items			Eng/Refurb Welch/Schlessel
12.	Fire Protection Report Common Sections	8/9/10A Re-opened	Unit 2 Deviations included in Part VII of FPR.  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
13.	MSO scenarios	8/20/10A Re-opened	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.	Eng/Hilmes
14.	Markup of Report Changes from Rev 5 to 40	8/30/10A Re-opened	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.	Eng/Hilmes
15.	Final Fire Protection Report Submitted	12/17/10		Eng/Hilmes
16.	Resolve Licensing Basis Preservation Self Assessment PERs			Eng/Freeman
17.	Self Assessments Review	10/15/10	NRR select assessments for onsite review	NRR
18.	IPEEE Response NRC Review	10/26/10	Provide briefing to NRC reviewers	NRR/TVA/Adair
19.	B.5.b Phase I issue	10/15/10	Address issues on 7/1/10 submittal regarding locations and shielding. Add commitments from 3/06/07 letter.	Licensing/Lyons
20.	Diesel AOT duration			Eng/Hilmes
21.	Schedule/plan for GL89-10 testing			Construction
22.	Schedule/plan for GL 96-01 testing			Startup/Olson

No.	Description	Status	Additional Comments	Resp Org/Person
23.	WCAP reference for NRC approval of new control rod material			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	10/12/10		Eng/Koontz
25.	Schedule for submitting ISI/IST first 10 year plan. What triggers the submittal?			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?			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?	10/26/10	Provide flow rates/heat load/cool down analyses. Address two unit Tech spec shutdown.	Eng/Thompson
28.	Unit 2 Target Sets	11/15/10	Need concurrence from NSIR regarding inspection impact of new date	Corp Security/Glover
29.	Generic Letter 2008-01 Gas Accumulation High Point Vents	10/29/10	Provide submittal of Engineering Products with commitment for final walkdown in 2011	Licensing
30.	Status on Aquatic Contention	10/21/10		Arent
31.	Part 30 and 40 License	10/15/10		Licensing/Lyons
32.	Status of Aux Instrument Room CO <sub>2</sub>		Confirm this is a Unit 1 only issue.	Licensing/Crouch

No.	Description	Status	Additional Comments	Resp Org/Person
	Issue			
33.	Unit Difference submittal	10/19/10		Licensing/ Stockton
34.	Confirm status of NRC review of Developmental Tech Specs	10/20/10	Phone call with reviewer to discuss status of review.	Licensing/Elton
35.	Add MSIP Description and locations to FSAR			Eng/Thompson
36.	Status of GSI 199			TVA/NRR
37.	Revise Implementation Plan for QA Records CAP relative to support records.			Eng/Johnson
38.	Address ACRS questions - Tritium concentration in plume from leak, WBN versus VC Summer weld flaw commonalities, baffle bolts status			Eng/Freeman
39.	Fuel Pool Hx'r analysis in FSAR		Need supplemental RAI response to address current Hx'r, and makeup for evaporation losses	Eng/Thompson
40.				
41.				
42.				