

**WBN2Public Resource**

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**From:** Boyd, Desiree L [dlboyd@tva.gov]  
**Sent:** Wednesday, August 03, 2011 10:00 AM  
**To:** Poole, Justin; Milano, Patrick; Campbell, Stephen; Epperson, Dan  
**Cc:** Arent, Gordon; Smith, James D; Bryan, Robert H Jr; Smith, James D; Crouch, William D  
**Subject:** NRC PM Open Items List 8-4-11.docx  
**Attachments:** NRC PM Open Items List 8-4-11.docx

*For next phone call.*

*Thank You,*

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*Desiree L. Boyd*

**WBN 2 Licensing Support**

**Sun Technical Services**

[dlboyd@tva.gov](mailto:dlboyd@tva.gov)

**423-365-8764**

**Hearing Identifier:** Watts\_Bar\_2\_Operating\_LA\_Public  
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**Subject:** NRC PM Open Items List 8-4-11.docx  
**Sent Date:** 8/3/2011 9:59:32 AM  
**Received Date:** 8/3/2011 9:59:59 AM  
**From:** Boyd, Desiree L

**Created By:** dlboyd@tva.gov

**Recipients:**

"Arent, Gordon" <garent@tva.gov>  
Tracking Status: None  
"Smith, James D" <jdsmith@tva.gov>  
Tracking Status: None  
"Bryan, Robert H Jr" <rhbryan@tva.gov>  
Tracking Status: None  
"Smith, James D" <smith1jd@westinghouse.com>  
Tracking Status: None  
"Crouch, William D" <wdcrouch@tva.gov>  
Tracking Status: None  
"Poole, Justin" <Justin.Poole@nrc.gov>  
Tracking Status: None  
"Milano, Patrick" <Patrick.Milano@nrc.gov>  
Tracking Status: None  
"Campbell, Stephen" <Stephen.Campbell@nrc.gov>  
Tracking Status: None  
"Epperson, Dan" <Dan.Epperson@nrc.gov>  
Tracking Status: None

**Post Office:** TVANUCXVS2.main.tva.gov

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**Recipients Received:**

**NRC PM Open Items List**  
**8/4/11**  
**(423) 751-6338 ID 657601**

No.	Description	Status	Additional Comments	Resp Org/Person
1.	Cyber Security Plan/Controls and Implementation	NRC TI issued TBD  NRC Table Top/Pilot Oct 2011  Procedures complete 9/30/11  8/4/11 - clarification  Inspection Dec 2011	NRC Inspection in 2011  Provide detail for systems (unit specific and common) which will be complete and which will not be complete for Unit 2 fuel load. <b>NRC requested a clarification in a telecom the week of 7/4/11. Need details on exemptions.</b> Other 3 EP systems need to be addressed. NRC to decide if clarification to be docketed. <b>Looking for adequate remediation in the interim. Telecom held 7/27 and further clarification to come.</b>  May be discussed at the next ACRS meeting (October 5 <sup>th</sup> – closed portion).	Heinrich/Snyder (Bryan)

No.	Description	Status	Additional Comments	Resp Org/Person
2.	Instrumentation RAI List (Knuettel) <ol style="list-style-type: none"> <li>1. Information for Common Q PAMS</li> <li>2. Item 3 for GA-ESI RM-1000 RAD Monitors.</li> <li>3. Table 7.1-1 first submittal</li> <li>4. GA proprietary, non-proprietary and affidavits for withholding submittals (~12 documents.)</li> <li>5. NRC comments on procedures to GA-ESI</li> <li>6. Incore Instrument tube vibration</li> <li>7. RM1000 EMI meeting/telecom</li> <li>8. NRC submittal</li> </ol>	<ol style="list-style-type: none"> <li>1. 7/27/11A</li> <li>2. 9/1/11</li> <li>3. 7/27/11</li> <li>4. 9/9/11</li> <li>5. TBD</li> <li>6. 7/29/11A</li> <li>7. TBD</li> <li>8. 8/5/11</li> </ol>	RAI Responses <ul style="list-style-type: none"> <li>• Item 1 consists of 11 individual questions divided between Bechtel, TVA, and WEC. To determine applicability of updated IEEE Stds and Reg Guides</li> <li>• Item 2 GA/ESI is revising their CGI program but needs time to be able to provide objective evidence of the program changes. We will order parts to facilitate GA developing objective evidence that their program is in compliance with NRC regulations.</li> <li>• Item 3 Common Q PAMS Table 7.1-1 update</li> <li>• Item 4 - 3 additional document requests from NRC Civil via email on 7/6/11. PROP versions from the original request are ready for GA to send to TVA</li> <li>• Item 5 revise GA-ESI procedures for CGI dedication</li> <li>• Item 6 regarding incore instrument tube vibration</li> </ul>	Eng/Hilmes (Smith)
3.	Status of GSI 199 Eastern Seismicity (Crouch)	Fall 2011	No action pending upcoming Generic Letter Related information on GSI 194 may need input	TVA/NRR

No.	Description	Status	Additional Comments	Resp Org/Person
4.	Complete Implementation (Hemmer)	Diesel 8/1/11  Pump Relocation 11/1/11  One procedure to Issue 8/26/11  Inspection – Feb 2012  Phase I commitments 8/1/11	Diesel is onsite, need support equipment  Additional clarification to Phase I actions will be needed. Fleet wide issue.  Looking for building qualifications. What is substantial? May use NEI to answer.	Hemmer (Smith)
5.	Document Control Issues for two letters	TBD	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. NRC action to contact Kenny Nguyen, NRC Document Control regarding A102. Additional copy of A102 provided to NRC on 6/7/11.	Licensing/Boyd
6.	Chapter 15.5 RAIs	8/5/11  TBD - FHA	Additional question regarding meteorology data from 2008-2009. Calc revisions required. Small increases in doses expected except control room which will decrease. NRC is targeting SSER 24 (early August) to contain this updated information. NRC to perform confirmatory runs in parallel. Will provide data by 6/27/11. Will separate out FHA calc.	Wastrack (Bryan)

No.	Description	Status	Additional Comments	Resp Org/Person
7.	Fire Protection Report Questions regarding OMA	8/15/11 7/28/11A 8/5/11 TBD 7/22/11A TBD TBD TBD	FPR revision Technical Meeting – additional group 6 questions Group 6 rough draft RAIs received via email 6/21/11. Pull date back if possible. Additional questions relayed on 7/20/11 telecom. May require a supplement. OMA clarifications Group 6 corrosion RAIs. Pre-mtg for audit plan Audit Technical meeting	ENG/Hilmes (Crouch)
8.	IST Tech Spec Change	8/15/11	Pre-submittal meeting week of 7/11/11. In concurrence.	TVA Corporate Licensing (Shea)
9.	Tech Spec Revisions from latest T/S markup and NRC Review comments	Sept, 2011 Aug, 2011 Aug, 2011	CSST A & B I-131 DEI Diesel Generator Frequency	Licensing/Elton (Bryan)
10.	ASME III to XI transition	8/13/11	When does ISI program begin with partial plant N-3? Are repairs/mods after N-5 controlled under Section III or Section XI? The timing for the NIS-2 in the letter does not comply with the ASME Code . The NIS-2 must be before commercial operation. Review Code Cases 801/802 vs TVA letter for conflicts. Review complete - no impact.	Eng/Helms (Crouch)
11.	Chapter 11/FSEIS RAIs	7/29/11A	Cost Benefit Analyses More discussion may be needed.	Chem/Woods (Bryan)

No.	Description	Status	Additional Comments	Resp Org/Person
12.	Letter to notify NRC when Vital Area Boundary returned to original location	11/1/11	Security Plan Update - Boundary to be restored by 9/30/11	Lic/Crouch
13.	ACRS Topics	10/5/11	Cyber Security,	
14.	SSER 22/23 Open Items Response	8/5/11  telecom	7/22 is the target date for the next SSER update. The expanded HH list and it's status is covered periodically. Telecom to be set up on degraded voltage – item 30	
15.	Chapter 12 RAI on Instrument Channel Operability Tests	7/14/11A 8/5/11	Clarification for RMs 50.68(b)(6) Working out FSAR language	ENG/Hilmes
16.	Transient Analysis issues  Boron dilution RAI response	TBD	question on RG revision and modes 3, 4, & 5 ... FSAR is clear as to why modes 1, 2, & 6 are limiting	ENG/Koontz WEC/Morgan
17.	FSAR A105	8/15/11	Reference SSER OI 47 – one more note refers to Appendix J – page 6.2.6-20?	Lic/Stockton
18.	IEB 88-02 SG Tube Cracking	TBD	What are the SG inspection plans in light of the experience with a French reactor exhibiting SG tube cracking early? Is TVA planning to change the inspection plan due to this operating experience? Tubes are assumed locked in the WEC analysis.	Corp SG/ Webber ISI/Tinley
19.	Develop list of planned License Conditions, Exemptions and Relief Requests (Crouch)	9/1/11	Review Unit 1 SER for exemptions. Sand baskets may be on list.	NRR/TVA (Bryan)
20.	Submit final REP prior to fuel load (Spink)	10/1/11	Submit Final REP and EIPs 180 days prior to OL.	EP/ Detchemendy (Bryan)
21.	Issue two Unit Offsite Dose Calculation Manual (Beach) Review TS Chapter 5 programs also	9/1/11		Chemistry/ Woods (Bryan)
22.	Copy of Site Plan for NSIR	TBD	No action until inspection scheduled. NRC to determine level of detail is needed.	Fire Ops/Sterchi
23.	Issue Unit 2 Completion Letter (Crouch)	3/1/12		Licensing
24.	Combined U1/U2 FSAR (Stockton)	3/1/12		Licensing

<b>No.</b>	<b>Description</b>	<b>Status</b>	<b>Additional Comments</b>	<b>Resp Org/Person</b>
25.	Submit final as-constructed FSAR figures	10/1/11		Licensing/ Stockton
26.	Verify Tech Spec Setpoints match cales	9/1/11	2 SSD remaining to be issued.	Eng/Hilmes (Bryan)
27.	Letter to terminate Part 30/40 License after receipt of Part 50 License	4/1/12		Licensing (Crouch)
28.	TMI action items		Review list – include pre-0737 items?	Licensing (Gordon)