

**WBN2Public Resource**

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**From:** Boyd, Desiree L [dlboyd@tva.gov]  
**Sent:** Thursday, October 11, 2012 8:46 AM  
**To:** Poole, Justin; Arent, Gordon; Bryan, Robert H Jr  
**Cc:** Boyd, Desiree L  
**Subject:** 2012-10-11 - WBN Project Plan - Unit 2.pdf  
**Attachments:** 2012-10-11 - WBN Project Plan - Unit 2.pdf

*Please see attached for today's 9:15 phone call.*

*Thank you,*

~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*

*Desiree L. Boyd*

**WBN Unit 2 Licensing**

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**423-365-8764**

**Hearing Identifier:** Watts\_Bar\_2\_Operating\_LA\_Public  
**Email Number:** 749

**Mail Envelope Properties** (7AB41F650F76BD44B5BCAB7C0CCABFAF34333B83)

**Subject:** 2012-10-11 - WBN Project Plan - Unit 2.pdf  
**Sent Date:** 10/11/2012 8:46:25 AM  
**Received Date:** 10/11/2012 8:47:12 AM  
**From:** Boyd, Desiree L

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

**Recipients:**

"Boyd, Desiree L" <dlboyd@tva.gov>  
Tracking Status: None  
"Poole, Justin" <Justin.Poole@nrc.gov>  
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**Options**

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**Reply Requested:** Yes  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

# WBN UNIT 2 PROJECT PLAN: 10/11/2012

## I. SUBMITTAL LOOK-AHEAD

Item No.	Description	Resp. Person	Due Date
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### License Amendments / Technical Specifications

1.	Common Service Station Transformer (CSST) A & B Credit	Shea	December 12, 2012
2.	SSER Open Item 32: Revise Diesel Generator Frequency Allowable Value. [Commitment 113676066]	Hilmes	January 13, 2013

### SSER Appendix HH Open Items (requiring submittal)

1.	<p>SSER Open Item 1: Following completion of cable pulls, submit letter to NRC either:</p> <ul style="list-style-type: none"> <li>* Affirming no power assisted cable pulls were made, or</li> <li>* Documenting any power assisted cable pulls.</li> </ul> <p>[Commitment 113676047]</p>	Hilmes	January 17, 2014
2.	<p>SSER Open Item 13: Submit an ASME Section XI Inservice Test Program for the first ten year interval six months before receiving an Operating License. [Commitment NCO080008033: Item 017 of Enclosure 2 of letter T90 080128 001]</p>	McDonald / Crouch	June 12, 2014
3.	<p>SSER Open Item 23 Qualify the MSIV solenoids to the Category I criteria. [Commitment 112145110]</p>	Hilmes	Awaiting NRC Feedback
4.	<p>SSER Open Item 25: Submit documentation of liability insurance coverage pursuant to 10 CFR 140.11(a)(4). [Commitment 113676162]</p>	Arent	June 27, 2014

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5.	SSER Open Item 37: Submit changes to the Emergency Plan (REP) prior to fuel load. [Commitment 111032952]	Detchemendy	November 15, 2013
6.	SSER Open Item 41: Update the following to provide two unit capability: <ul style="list-style-type: none"> <li>• Plant design displays [Commitment 111033086], and</li> <li>• dose assessment models [Commitment 113841821]</li> </ul>	Hilmes / Koontz	November 15, 2013
7.	SSER Open Item 43: Submit Emergency Plan implementing procedures no less than 180 days before schedule issuance of Operating License. [Commitment 113841955]	Detchemendy	November 15, 2013
8.	SSER Open Item 61: Fuel Thermal Conductivity Degradation Model (PAD Code) - Note: currently this is a License Condition - tracking PWROG activity to update code. [Commitment 113676152]	Koontz	TBD
9.	SSER Open Item 70: Submit Pre-Service Inspection program update. [Commitment 113676155]	McDonald / Crouch	October 28, 2012
10.	SSER Open Item 79: Perform an EMI survey of the containment high range radiation monitors after they are installed in WBN Unit 2, and submit the results to the NRC within two weeks of the survey being completed. [Commitment 112177753]	Hilmes	March 4, 2014
11.	SSER Open Item 80: Proprietary and non-proprietary versions of GA-ESI document GA-ESI test report, 04038800, dated November 11, 1999, "RM-1000 EMC Test Report, TVA," along with an affidavit for withholding will be provided within three weeks of receipt from GA-ESI. [Commitment 113865115]	Hilmes	December 14, 2012

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12.	SSER Open Item 83: Provide Letter verifying completion of data storm test on DCS. [Commitment 113676093]	Hilmes	August 30, 2013
13.	SSER Open Item 134: Modifications for Cherokee and Douglas Dams will be designed and implemented prior to WBN Unit 2 Startup. [Commitment 113880166]	Williams	July 1, 2014

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**Other Submittals**

1.	As-Constructed Fire Protection Report [Commitment 113461862]	Hilmes	July 18, 2014
2.	U2 FSAR With As-Constructed Figures [Commitment 112068531]	Arent	September 12, 2014
3.	Prior to fuel load, a final report will be submitted following certain validation activities as described in the IPEEE Design Report (Enclosure 1). [Commitment 111027893]	Koontz / Enis	July 18, 2014
4.	TVA will provide the NRC staff an updated [security] classification scheme that reflects these changes for WBN Unit 2. [Commitment 111033038: RAI Response 3.r of Enclosure 2. of Letter T02 100427 001]	Reynolds	May 23, 2014
5.	Submit a merged U2 FSAR / U1 UFSAR [Commitment 111360889]	Licensing	April 2016
6.	Two Unit ODCM [Commitment 113967267]	Woods / Bryan	November 2, 2012
7.	As-Constructed PRA [Commitment 111029124]	Guey / Koontz	July 18, 2014
8.	TMI Commitment Review Letter [Commitment 113967286]	Licensing	January 24, 2014
9.	Letter to terminate Part 30/40 License after receipt of Part 50 License [Commitment 113967302]	Licensing	December 4, 2015
10.	ASME Section III N-3 Report [Commitment 113967305]	Crouch	September 2014
11.	Letter to NRC for notification of Vital Area Boundary Restoration [Commitment 110850749]	Licensing	January 24, 2014
12.	Unit 2 Completion Letter [Commitment 113967311]	Licensing	August 8, 2014

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**Other Submittals**

13.	PAM variable Calculation for EOP reviews [Commitment 113967317]	Partch	December 31, 2012
14.	Regulatory Framework Update [for status as of 12/31/2012] [Commitment 111027916 - 01]	Elton	January 18, 2013
15.	NRC Bulletin 2012-01 <ul style="list-style-type: none"> <li>• Design Vulnerability in Electric Power Systems</li> <li>• Fleet Response</li> </ul>	Hilmes/Shea	October 25, 2012
16.	RAI SCCW Flow Rate	Hopping	October 19, 2012
17.	Need for PCT Update Letter	Koontz	October 19, 2012
18.	Submit an update to the Multiple Spurious Operation Evaluation Report that addresses the commitments made in TVA's letter dated 08-20-2010 (Commitment 111905993) and in TVA's letter May 6, 2011 (Commitment 112331509)	Crouch	February 07, 2013
19.	Submit letter documenting that plant modifications to add high VCT level alarm to main control room annunciator system have been completed. [Commitment 113111704]	Arent / Wallace	May 24, 2013
20.	Submit letter documenting that procedure changes associated with limiting the number of operating primary water pumps and isolating potential boron dilution paths have been made. [Commitment 113111705]	Arent / Wallace	May 24, 2013
21	TMI Action Item Status Letter	Arent	April 30, 2014
22.	Misc TS & TS Bases Changes Fuel Storage, CSST, DG Frequency	Bryan	February 09, 2013

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## Regional Submittals

1.	Unit Differences Update Letter [Commitment 112145218 - 01]	Stockton	December 7, 2012
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## Fukushima

1.	<p>NRC Order EA-12-049; Mitigating Strategies Order: Licensees to develop, implement, and maintain guidance and strategies to maintain or restore core cooling, containment and SFP cooling capabilities following a beyond-design-basis external event. Must be implemented in all modes. [Commitment 113868651]</p>	Williams	NRC Update October 29, 2012
2.	<p>NRC Order EA-12-049; Mitigating Strategies Order: Strategies must be capable of mitigating a simultaneous loss of all alternating current (AC) power and loss of normal access to the ultimate heat sink and have adequate capacity to address challenges to core cooling, containment, and SFP cooling capabilities at all units on a site. [Commitment 113871962]</p>	Williams	NRC Update October 29, 2012
3.	<p>NRC Order EA-12-049; Mitigating Strategies Order: Provide reasonable protection for the associated equipment from external events. Such protection must demonstrate that there is adequate capacity to address challenges to core cooling, containment, and SFP cooling capabilities at all units on a site. [Commitment 113871973]</p>	Williams	NRC Update October 29, 2012
4.	<p>NRC Order EA-12-051; Order: Licensees to provide instrumentation, able to withstand design-basis natural phenomena and remain reliable at temperature, humidity and radiation levels at saturation conditions, to monitor SFP water level from the control room. DCN 59683, Spent Fuel Pool Level Indication 10% of package [Commitment 113872005]</p>	Hilmes	NRC Update October 29, 2012
5.	<p>10 CFR 50.54 F Letter Request for Information: Licensees to reevaluate the seismic hazards at their sites against current NRC requirements and guidance, and if necessary, update the design basis and SSCs important to safety to protect against the updated hazards. [Commitment 113872017]</p>	Williams	January 29, 2013

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**Fukushima**

6.	<p>10 CFR 50.54 F Letter Request for Information:                      Licensees to reevaluate the flooding hazards at their sites against current NRC requirements and guidance, and if necessary, update the design basis and SSCs important to safety to protect against the updated hazards. [Commitment 113872029]</p>	Williams	January 29, 2013
7.	<p>10 CFR 50.54 F Letter Request for Information:                      Recommendation 9.3 requires licensees to evaluate communication and staffing needs for multi-unit events. [Commitment 113872040]</p>	Williams	April 30, 2013

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## Waste Confidence

1.	Develop TVA approach to Waste Confidence	Vigliucci / Baker	December 13, 2012
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**Significant New Regulatory Issues**

1.	New Station Blackout Rule <ul style="list-style-type: none"> <li>• Ongoing rulemaking</li> </ul>	Hilmes	Spring 2013
2.	10 CFR 50.46 Rule Change <ul style="list-style-type: none"> <li>• Oxidation limits</li> <li>• Ongoing rulemaking</li> </ul>	Koontz/Westinghouse	Spring 2013
3.	DOEL Reactor Vessel Issues	Koontz	TBD
4.	Shutdown Seals	Koontz	TBD