

**WBN2Public Resource**

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**From:** Boyd, Desiree L [dlboyd@tva.gov]  
**Sent:** Monday, March 11, 2013 8:46 AM  
**To:** Poole, Justin; Arent, Gordon; Bryan, Robert H Jr; Hon, Andrew  
**Cc:** Boyd, Desiree L  
**Subject:** 2012-03-11 - WBN Project Plan - Unit 2.pdf  
**Attachments:** 2013-03-11 - 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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**Email Number:** 790

**Mail Envelope Properties** (7AB41F650F76BD44B5BCAB7C0CCABFAF3E6E6AEA)

**Subject:** 2012-03-11 - WBN Project Plan - Unit 2.pdf  
**Sent Date:** 3/11/2013 8:45:53 AM  
**Received Date:** 3/11/2013 8:45:57 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>  
Tracking Status: None  
"Arent, Gordon" <garent@tva.gov>  
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"Bryan, Robert H Jr" <rhbryan@tva.gov>  
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**Options**

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**Expiration Date:**  
**Recipients Received:**

# WBN UNIT 2 PROJECT PLAN: 03/11/2013

## 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	TBD
2.	SSER Open Item 32: Revise Diesel Generator Frequency Allowable Value. [Commitment 113676066]	Hilmes	March 29, 2013
	• Revised Proposal from Flowserve to Bechtel	FlowServe	<b>Complete</b>
	• Issue Purchase Order	Wiggall	<b>Complete</b>
	• Provide Runout Analysis	FlowServe	February 28, 2013
	• Westinghouse draft evaluation of analysis impacts		<b>Complete</b>
	• Westinghouse final analysis impact evaluation	Morgan	March 15, 2013
3.	• Add Flowserve and Westinghouse evaluations to LAR write-up.	Wiggall	TBD
	• Finalize and Submit LAR to NRC.	Licensing	TBD
3.	Fuel Storage	Bryan	April 26, 2013
4.	RCS Dose Equivalent Iodine	Bryan	April 26, 2013
5.	Hydrology Bases Change	Bryan	April 26, 2013
6.	CCS Maintenance	Bryan	April 26, 2013

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**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 37: Submit changes to the Emergency Plan (REP) prior to fuel load. [Commitment 111032952]</p>	Detchemendy	November 15, 2013
4.	<p>SSER Open Item 41: Update the following to provide two unit capability:</p> <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
5.	<p>SSER Open Item 43: Submit Emergency Plan implementing procedures no less than 180 days before schedule issuance of Operating License. [Commitment 113841955]</p>	Detchemendy	November 15, 2013
6.	<p>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]</p>	Koontz	July 26, 2013

## WBN UNIT 2 PROJECT PLAN: 03/11/2013

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7.	<p>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]</p>	Hilmes	March 4, 2014
8.	<p>SSER Open Item 83:                      Provide Letter verifying completion of data storm test on DCS. [Commitment 113676093]</p>	Hilmes	August 30, 2013
9.	<p>SSER Open Item 132:                      a. Issue EDCR to add high VCT level alarm to the main control room annunciator system                      b. Submit letter documenting that plant modifications to add high VCT level alarm to main control room annunciator system have been completed. [Commitment 113111704]                      c. Revise appropriate procedures (SOI, GO) to limit the number of operating pumps and isolate potential boron dilution paths as required by the Chapter 15 analysis. Also revise the ARIs and AOIs as needed to account for the new VCT high level alarm.                      d. 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]</p>	Hilmes  Arent  Wallace  Arent	   May 24, 2013
10.	<p>SSER Open Item 134:                      Modifications for Cherokee and Douglas Dams will be designed and implemented prior to WBN Unit 2 Startup. [Commitment 113880166]</p>	Williams	July 1, 2014

# WBN UNIT 2 PROJECT PLAN: 03/11/2013

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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.	Submit a merged U2 FSAR / U1 UFSAR [Commitment 111360889]	Licensing	April 2016
5.	As-Constructed PRA [Commitment 111029124]	Guey / Koontz	July 18, 2014
6.	TMI Commitment Review Letter [Commitment 113967286]	Licensing	January 24, 2014
7.	Letter to terminate Part 30/40 License after receipt of Part 50 License [Commitment 113967302]	Licensing	December 4, 2015
8.	ASME Section III N-3 Report [Commitment 113967305]	Crouch	September 2014
9.	Letter to NRC for notification of Vital Area Boundary Restoration [Commitment 110850749]	Licensing	January 24, 2014
10.	Unit 2 Completion Letter [Commitment 113967311]	Licensing	August 8, 2014
11.	PAM variable Calculation for EOP reviews [Commitment 113967317]	Partch	TBD
12.	TMI Action Item Status Letter	Arent	April 30, 2014
13.	Facility Operating License No. NPF-90, Unit 1	Arent	December 12, 2013
14.	RAIs on Tech. Specs. & Eagle 21	Hilmes	March 14, 2013

# WBN UNIT 2 PROJECT PLAN: 03/11/2013

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**Other Submittals**

15.	Eagle 21 Potter & Brumfield Relay Open Items	Hilmes	March 14, 2013
16.	SG Alternate Repair Criteria	Goetcheus	August 2, 2013
17.	CAT II Cable Letter	Hilmes	March 21, 2013
18.	Teflon in Containment Electrical Penetrations	Hilmes	March 21, 2013
19.	Regulatory Framework Update [for status as of 06/30/2013] [Commitment 111027916 - 02	Elton	July 23, 2013
20.	Hydrology Hazard Reevaluation Extension	Arent	March 12, 2013

# WBN UNIT 2 PROJECT PLAN: 03/11/2013

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## Regional Submittals

1.	Unit Differences Update Letter [Commitment 112145218 - 01]	Stockton	April 12, 2013
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# WBN UNIT 2 PROJECT PLAN: 03/11/2013

Item No.	Description	Resp. Person	Due Date
<b>Fukushima</b>			
1.	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]	Williams/Spink	NRC Update August 28, 2013
2.	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]	Williams/Spink	NRC Update August 28, 2013
3.	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]	Williams/Spink	NRC Update August 28, 2013
4.	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]	Williams/Spink	NRC Update August 28, 2013
5.	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]	Williams/Spink	April 29, 2013

# WBN UNIT 2 PROJECT PLAN: 03/11/2013

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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/Spink	March 12, 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/Spink	April 30, 2013

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## Waste Confidence

1.	TVA actions on Waste Confidence: Finalize contractor outputs on reports for Waste Confidence Plan	Viglucci / Baker	March 31, 2013
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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	Late 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	Hemmer	March 5, 2013
4.	Shutdown Seals - Westinghouse Submits Topical Report	Koontz	Complete