

**WBN2Public Resource**

---

**From:** Boyd, Desiree L [dlboyd@tva.gov]  
**Sent:** Monday, September 10, 2012 7:03 AM  
**To:** Poole, Justin; Bryan, Robert H Jr; Arent, Gordon  
**Cc:** Boyd, Desiree L; Templeton, Pamela J  
**Subject:** 2012-09-10 - WBN Project Plan - Unit 2.pdf  
**Attachments:** 2012-09-10 - 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**

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

423-365-8764

**Hearing Identifier:** Watts\_Bar\_2\_Operating\_LA\_Public  
**Email Number:** 741

**Mail Envelope Properties** (7AB41F650F76BD44B5BCAB7C0CCABFAF324BFDE9)

**Subject:** 2012-09-10 - WBN Project Plan - Unit 2.pdf  
**Sent Date:** 9/10/2012 7:03:26 AM  
**Received Date:** 9/10/2012 7:03:31 AM  
**From:** Boyd, Desiree L

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

**Recipients:**

"Boyd, Desiree L" <dlboyd@tva.gov>  
Tracking Status: None  
"Templeton, Pamela J" <pjtempleton@tva.gov>  
Tracking Status: None  
"Poole, Justin" <Justin.Poole@nrc.gov>  
Tracking Status: None  
"Bryan, Robert H Jr" <rhbryan@tva.gov>  
Tracking Status: None  
"Arent, Gordon" <garent@tva.gov>  
Tracking Status: None

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

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	250	9/10/2012 7:03:31 AM
2012-09-10 - WBN Project Plan - Unit 2.pdf		207482

**Options**

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

# WBN UNIT 2 PROJECT PLAN: 09/10/2012

## I. SUBMITTAL LOOK-AHEAD

Item No.	Description	Resp. Person	Due Date
----------	-------------	--------------	----------

### License Amendments / Technical Specifications

1.	Common Service Station Transformer (CSST) A & B Credit	Shea	October 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.	SSER Open Item 1: Following completion of cable pulls, submit letter to NRC either: * Affirming no power assisted cable pulls were made, or * Documenting any power assisted cable pulls. [Commitment 113676047]	Hilmes	January 17, 2014
2.	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]	McDonald / Crouch	June 12, 2014
3.	SSER Open Item 25: Submit documentation of liability insurance coverage pursuant to 10 CFR 140.11(a)(4). [Commitment 113676162]	Arent	June 27, 2014
4.	SSER Open Item 37: Submit changes to the Emergency Plan (REP) prior to fuel load. [Commitment 111032952]	Detchemendy	November 15, 2013

## WBN UNIT 2 PROJECT PLAN: 09/10/2012

Item No.	Description	Resp. Person	Due Date
5.	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
6.	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
7.	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	October 26, 2012
8.	SSER Open Item 70: Submit Pre-Service Inspection program update. [Commitment 113676155]	McDonald / Crouch	September 28, 2012
9.	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
10.	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	TBD (plus 3 weeks)
11.	SSER Open Item 83: Provide Letter verifying completion of data storm test on DCS. [Commitment 113676093]	Hilmes	August 30, 2013

# WBN UNIT 2 PROJECT PLAN: 09/10/2012

<b>Item No.</b>	<b>Description</b>	<b>Resp. Person</b>	<b>Due Date</b>
12.	SSER Open Item 132: <ul style="list-style-type: none"><li>• Submit letter documenting that plant modifications to add high VCT level alarm to main control room annunciator system have been completed. [Commitment 113111704]</li><li>• 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]</li></ul>	Arent / Wallace	May 24, 2013

# WBN UNIT 2 PROJECT PLAN: 09/10/2012

Item No.	Description	Resp. Person	Due Date
----------	-------------	--------------	----------

**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	Woods / Bryan	November 2, 2012
7.	As-Constructed PRA	Guey / Koontz	July 18, 2014
8.	TMI Commitment Review Letter	Licensing	January 24, 2014
9.	Letter to terminate Part 30/40 License after receipt of Part 50 License	Licensing	December 4, 2015
10.	ASME Section III N-3 Report	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	Licensing	August 8, 2014
13.	Fire Protection Report [Commitment 113644252]	Hilmes / Wiggall	September 13, 2012

# WBN UNIT 2 PROJECT PLAN: 09/10/2012

Item No.	Description	Resp. Person	Due Date
----------	-------------	--------------	----------

### Other Submittals

14.	PAM variable Calculation for EOP reviews.	Partch	December 31, 2012
15.	Regulatory Framework Update [for status as of 12/31/2012]	Elton	January 18, 2013
16.	NRC Bulletin 2012-01 Design Vulnerability in Electric Power Systems Fleet Response	Hilmes/Shea	October 25, 2012

### Regional Submittals

1.	Unit Differences Update Letter	Stockton	December 7, 2012
----	--------------------------------	----------	------------------

# WBN UNIT 2 PROJECT PLAN: 09/10/2012

Item No.	Description	Resp. Person	Due Date
----------	-------------	--------------	----------

## 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.</p>	Williams	NRC Update 10/31/2012
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.</p>	Williams	NRC Update 10/31/2012
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.</p>	Williams	NRC Update 10/31/2012
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</p>	Hilmes	NRC Update 10/31/2012
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.</p>	Williams	1/29/2013



# WBN UNIT 2 PROJECT PLAN: 09/10/2012

Item No.	Description	Resp. Person	Due Date
----------	-------------	--------------	----------

## 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.</p>	Williams	1/29/2013
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.</p>	Williams	4/30/2013

# WBN UNIT 2 PROJECT PLAN: 09/10/2012

<b>Item No.</b>	<b>Description</b>	<b>Resp. Person</b>	<b>Due Date</b>
-----------------	--------------------	---------------------	-----------------

## Waste Confidence

1.	Develop TVA approach to Waste Confidence	Vigliucci/Baker	12/13/2012
----	--	-----------------	------------

# WBN UNIT 2 PROJECT PLAN: 09/10/2012

Item No.	Description	Resp. Person	Due Date
----------	-------------	--------------	----------

## Significant New Regulatory Issues

1.	New Station Blackout Rule Ongoing rulemaking	Hilmes	Spring 2013
2.	10 CFR 50.46 Rule Change Oxidation limits Ongoing rulemaking	Koontz/Westinghouse	Spring 2013