

**WBN2Public Resource**

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**From:** Boyd, Desiree L [dlboyd@tva.gov]  
**Sent:** Monday, August 27, 2012 7:49 AM  
**To:** Poole, Justin; Bryan, Robert H Jr; Arent, Gordon  
**Cc:** Boyd, Desiree L; Templeton, Pamela J  
**Subject:** 2012-08-27 - WBN Project Plan - Unit 2.pdf  
**Attachments:** 2012-08-27 - 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:** 734

**Mail Envelope Properties** (7AB41F650F76BD44B5BCAB7C0CCABFAF319038DB)

**Subject:** 2012-08-27 - WBN Project Plan - Unit 2.pdf  
**Sent Date:** 8/27/2012 7:48:44 AM  
**Received Date:** 8/27/2012 7:48:47 AM  
**From:** Boyd, Desiree L

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

**Recipients:**

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| <b>Files</b>                               | <b>Size</b> | <b>Date &amp; Time</b> |
|--|-------------|------------------------|
| MESSAGE                                    | 250         | 8/27/2012 7:48:47 AM   |
| 2012-08-27 - WBN Project Plan - Unit 2.pdf |             | 208400                 |

**Options**

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

# WBN UNIT 2 PROJECT PLAN: 08/27/2012

## 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   | October 12, 2012 |
| 2. | SSER Open Item 32:<br>Revise Diesel Generator Frequency Allowable Value. [Commitment 113676066] | Hilmes | January 13, 2013 |

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

|    |  |                   |                   |
|----|--|-------------------|-------------------|
| 1. | SSER Open Item 1:<br>Following completion of cable pulls, submit letter to NRC either:<br>* Affirming no power assisted cable pulls were made, or<br>* Documenting any power assisted cable pulls.<br>[Commitment 113676047]         | Hilmes            | January 17, 2014  |
| 2. | SSER Open Item 13:<br>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:<br>Submit documentation of liability insurance coverage pursuant to 10 CFR 140.11(a)(4).<br>[Commitment 113676162]  | Arent             | June 27, 2014     |
| 4. | SSER Open Item 37:<br>Submit changes to the Emergency Plan (REP) prior to fuel load.<br>[Commitment 111032952]   | Detchemendy       | November 15, 2013 |

## WBN UNIT 2 PROJECT PLAN: 08/27/2012

| Item No. | Description   | Resp. Person      | Due Date           |
|----------|---|-------------------|--------------------|
| 5.       | SSER Open Item 41:<br>Update Plant design displays & dose assessment models to provide two unit capability. [Commitment 111033086]  | Hilmes / Koontz   | November 15, 2013  |
| 6.       | SSER Open Item 43:<br>Submit Emergency Plan implementing procedures no less than 180 days before schedule issuance of Operating License. [Commitment _____]   | Detchemendy       | November 15, 2013  |
| 7.       | SSER Open Item 61:<br>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:<br>Submit Pre-Service Inspection program update. [Commitment 113676155]  | McDonald / Crouch | September 28, 2012 |
| 9.       | SSER Open Item 81:<br>Provide Electronic Filter Test Results for General Atomic High Range Rad Monitor. [Commitment 113676079]<br><br>MIL Std 461-E low frequency susceptibility testing from 30 Hz to 150 kHz of the I/F converter will be completed and a test report submitted. [Commitment 113442002] | Hilmes            | August 31, 2012    |
| 10.      | SSER Open Item 79:<br>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 83:<br>Provide Letter verifying completion of data storm test on DCS. [Commitment 113676093]   | Hilmes            | August 30, 2013    |

# WBN UNIT 2 PROJECT PLAN: 08/27/2012

| Item No. | Description  | Resp. Person    | Due Date        |
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| 12.      | SSER Open Item 132:<br><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    |
| 13.      | SSER Open Item 134:<br>Provide resolution of dam stability analysis for Cherokee and Douglas Dams finite element analysis.   | Stockton        | August 31, 2012 |
| 14.      | Submit a Technical Specification and Bases change package to TVA Licensing to change Table 3.3.3-1, Line item 6 (Reactor Vessel Water Level) to remove the reference to note (g) and bases to show RVLIS as a Type A variable.<br>PER 488815 [Commitment 113307292]  | Stockton        | August 27, 2012 |

# WBN UNIT 2 PROJECT PLAN: 08/27/2012

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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  | Woods / Shea     | September 14, 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  | 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: 08/27/2012

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### 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  |

### Regional Submittals

|    |  |  |  |
|----|--|--|--|
| 1. |  |  |  |
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# WBN UNIT 2 PROJECT PLAN: 08/27/2012

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## Fukushima

|    |   |          |                          |
|----|---|----------|--------------------------|
| 1. | <p>NRC Order EA-12-049; Mitigating Strategies Order:<br/>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<br>10/31/2012 |
| 2. | <p>NRC Order EA-12-049; Mitigating Strategies Order:<br/>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<br>10/31/2012 |
| 3. | <p>NRC Order EA-12-049; Mitigating Strategies Order:<br/>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<br>10/31/2012 |
| 4. | <p>NRC Order EA-12-051; Order:<br/>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.<br/>DCN 59683, Spent Fuel Pool Level Indication 10% of package</p>              | Hilmes   | NRC Update<br>10/31/2012 |
| 5. | <p>10 CFR 50.54 F Letter Request for Information:<br/>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                |



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## Fukushima

|    |  |          |           |
|----|--|----------|-----------|
| 6. | <p>10 CFR 50.54 F Letter Request for Information:<br/>                     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:<br/>                     Recommendation 9.3 requires licensees to evaluate communication and staffing needs for multi-unit events.</p>   | Williams | 4/30/2013 |

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## Waste Confidence

|    |  |                 |            |
|----|--|-----------------|------------|
| 1. | Develop TVA approach to Waist Confidence | Vigluicci/Baker | 12/13/2012 |
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## Significant New Regulatory Issues

|    |  |                     |             |
|----|--|---------------------|-------------|
| 1. | New Station Blackout Rule<br>Ongoing rulemaking  | Hilmes              | Spring 2013 |
| 2. | 10 CFR 50.46 Rule Change<br>Oxidation limits<br>Ongoing rulemaking                       | Koontz/Westinghouse | Spring 2013 |
| 3. | NRC Bulletin 2012-01<br>Design Vulnerability in Electric Power Systems<br>Fleet Response | Shea                | 10/25/2012  |