

**WBN2Public Resource**

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**From:** Boyd, Desiree L [dlboyd@tva.gov]  
**Sent:** Monday, August 06, 2012 8:25 AM  
**To:** Poole, Justin; Bryan, Robert H Jr  
**Cc:** Boyd, Desiree L; Templeton, Pamela J  
**Attachments:** 2012-08-06 - 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:** 722

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**Subject:**  
**Sent Date:** 8/6/2012 8:25:22 AM  
**Received Date:** 8/6/2012 8:25:29 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  
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Tracking Status: None  
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Tracking Status: None

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

| <b>Files</b>                               | <b>Size</b> | <b>Date &amp; Time</b> |
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| MESSAGE                                    | 255         | 8/6/2012 8:25:29 AM    |
| 2012-08-06 - WBN Project Plan - Unit 2.pdf |             | 219934                 |

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**Reply Requested:** Yes  
**Sensitivity:** Normal  
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# WBN UNIT 2 PROJECT PLAN: 08/06/2012

## 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 |
| 3. | U2 Hydrology FSAR & TS Update   | Stockton | August 26, 2012  |
| 4. | 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. | <p>SSER Open Item 1:<br/>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            | TBD        |
| 2. | <p>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]</p>  | McDonald / Crouch | March 2014 |
| 3. | <p>SSER Open Item 25:<br/>Submit documentation of liability insurance coverage pursuant to 10 CFR 140.11(a)(4). [Commitment 113676162]</p>  | Arent             | June 2014  |

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| 4.       | SSER Open Item 37:<br>Submit changes to the Emergency Plan (REP) prior to fuel load.<br>[Commitment 111032952]  | Detchemendy       | June 2014          |
| 5.       | SSER Open Item 41:<br>Update Plant design displays & dose assessment models to provide two unit capability.<br>[Commitment 111033086]   | Hilmes / Koontz   | December 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       | TBD                |
| 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 77:<br>Provide Electronic Filter Test Results for General Atomic High Range Rad Monitor.<br>[Commitment 113676079]   | 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.<br>[Commitment 113676093]  | Hilmes            | January 2015       |

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| 12.      | SSER Open Item 115:<br>Incorporate U1 dose reduction plant changes that 2010 letter said were being done on Unit 2 into FSAR Chapter 12. Engineering to identify change packages showing what is done/planned.   | Arent           | TBD             |
| 13.      | SSER Open Item 117:<br>Provide calculational basis for access to vital areas - mission dose and update FSAR. (Amendment 109) [Commitment 112046729]  | Koontz / Arent  | August 26, 2012 |
| 14.      | 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 113111704]</li> </ul> | Arent / Wallace | May 24, 2013    |
| 15.      | SSER Open Item 134:<br>Provide resolution of dam stability analysis for Cherokee and Douglas Dams finite element analysis.   | Ray             | August 31, 2012 |
| 16.      | SSER Open Item 138:<br>(Amendment 109)<br>NRC to verify that the ODCM average annual X/Q & D/Q values have been updated to match the FSAR. [Commitment 113676172]  | Bryan           | August 26, 2012 |
| 17.      | SSER Open Item 139:<br>Include cost benefit analysis in next update to FSAR. (Amend 109) [Commitment 113676181]  | Bryan           | August 26, 2012 |

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| 18.             | 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>Need calculation WBNO4SG4047 revised<br>PER 488815 [Commitment 113307292] | Bryan               | August 26, 2012 |
| 19.             | Submit a FSAR Change Package to TVA Licensing to Amendment 108, Table 7.5-2, "Regulatory Guide 1.97 Post Accident Monitoring Variables Lists," will be updated to show RVLIS as a Type "A" variable.<br>Need calculation WBNO4SG4047 revised.<br>PER 488815 [Commitment 113307350]                          | Stockton            | August 26, 2012 |

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## Other Submittals

|     |  |               |                    |
|-----|--|---------------|--------------------|
| 1.  | As-Constructed Fire Protection Report [Commitment 113461862]   | Hilmes        | July 2014          |
| 2.  | U2 FSAR With As-Constructed Figures [Commitment 112068531]   | Arent         | July 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 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 2014           |
| 5.  | Submit a merged U2 FSAR / U1 UFSAR [Commitment 111360889]  | Licensing     | April 2016         |
| 6.  | 10 CFR Part 70 License Extension   | Bryan         | August 26, 2012    |
| 7.  | Two Unit ODCM  | Woods / Shea  | September 14, 2012 |
| 8.  | As-Constructed PRA   | Guey / Koontz | October 2014       |
| 9.  | TMI Commitment Review Letter   | Licensing     | January 2014       |
| 10. | Letter to terminate Part 30/40 License after receipt of Part 50 License  | Licensing     | January 2015       |
| 11. | ASME Section III N-3 Report  | Crouch        | September 2014     |
| 12. | Letter to NRC for notification of Vital Area Boundary Restoration  | Licensing     | May 2014           |
| 13. | Unit 2 Completion Letter   | Licensing     | December 2014      |

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|     |  |                  |                    |
|-----|--|------------------|--------------------|
| 14. | Fire Protection Report                               | Hilmes / Wiggall | September 13, 2012 |
| 15. | PAM variable Calculation for EOP reviews.            | Partch           | December 31, 2012  |
| 16. | Regulatory Framework Update [for status as of 07/31] | Elton            | August 15, 2012    |

### Regional Submittals

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| 1. |  |  |  |
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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 |            |
| 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 |            |
| 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 |            |
| 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   | 08/13/2012 |
| 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 |            |

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## Fukushima

|    |  |          |  |
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| 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 |  |
| 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 |  |

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## Waste Confidence

|    |                                    |           |           |
|----|------------------------------------|-----------|-----------|
| 1. | Follow NRC response to Court Order | Vigliucci | 10/1/2012 |
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## Significant New Regulatory Issues

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