

## WBN2Public Resource

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**From:** Wiebe, Joel  
**Sent:** Wednesday, April 28, 2010 4:47 PM  
**To:** 'Stegen, Amanda'; Keller, Tonya K  
**Cc:** WBN2HearingFile Resource; Beissel, Dennis; Krieg, Rebekah  
**Subject:** RE: RAI Response  
**Attachments:** FW: Watts Bar, Unit 2, Response to U.S. Nuclear Regulatory Commission (NRC) Request for Additional Information Regarding Environmental Review. 04/09/2010

Per the attached e-mail it will be available in ADAMS on 5/3. I have also requested a CD of the attachments from TVA, which I should get tomorrow.

Joel

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**From:** Stegen, Amanda [mailto:Amanda.Stegen@pnl.gov]  
**Sent:** Wednesday, April 28, 2010 3:54 PM  
**To:** Wiebe, Joel; Keller, Tonya K  
**Cc:** WBN2HearingFile Resource; Beissel, Dennis; Krieg, Rebekah  
**Subject:** RE: RAI Response

Hi Joel,

I was wondering if you had any ideas about when we might get these attachments. I know the ADAMS people were working on getting them processed, but I didn't know if they had finished up or not.

Thanks,

Amanda

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**From:** Wiebe, Joel [mailto:Joel.Wiebe@nrc.gov]  
**Sent:** Wednesday, April 21, 2010 9:59 AM  
**To:** Stegen, Amanda; Keller, Tonya K  
**Cc:** WBN2HearingFile Resource; Beissel, Dennis; Krieg, Rebekah  
**Subject:** RE: RAI Response

Sorry, we don't have electronic copies. The only paper copy is with our ADAMS folks who are diligently processing it into the electronic files.

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**From:** Stegen, Amanda [mailto:Amanda.Stegen@pnl.gov]  
**Sent:** Wednesday, April 21, 2010 12:48 PM  
**To:** Wiebe, Joel; Keller, Tonya K  
**Cc:** WBN2HearingFile Resource; Beissel, Dennis; Krieg, Rebekah  
**Subject:** RE: RAI Response

Thanks Joel,

I appreciate you sending this along, it will be helpful. TVA submitted 18 attachments with the RAI letter. It appears the motion to dismiss has one of these attachments (list of consultations, permits etc), but does not include the other 17 attachments (see list below). Is there any way to send a CD with these attachments?

Thanks,

Attachments to Enclosure 1:

1. Groundwater Investigation Report, Watts Bar Nuclear Plant, Spring City, Tennessee, Prepared by ARCADIS G&M Inc. for TVA, August 2004
2. **2. Table G-5, Federal, State, and Local Authorizations (COMPLETE – ATTACHED TO THE PETITION TO DISMISS CONTENTION 1)**
3. 3. TVA Nuclear Power Group (NPG) Calculation WBNTSR-008 R11, “Control Room Operator and Offsite Doses Due to a Steam Generator Tube Rupture”
4. FENCDOSE Run, Time Dependent Releases, 21 uCi/g I-131 equivalent preaccident Iodine spiking case (TSR8F11Aout.txt)
5. FENCDOSE Run, Time Dependent Releases, 0.265 uCi/g I-131 equivalent accident initiate Iodine spike case (TSR8FBout.txt)
6. TVA NPG Calculation WBNTSR-009 R11, “Control Room Operator and Offsite Doses from a Fuel Handling Accident”
7. TVA NPG Calculation WBNTSR-080 R6, “Control Room Operator and Offsite Doses Due to a Loss of AC Power”
8. FENCDOSE File, Time Dependent Releases, realistic case (TSR80FA6.txt)
9. FENCDOSE File, Time Dependent Releases, 1% failed fuel case (TSR80FB6.txt)
10. TVA NPG Calculation WBNAPS3-077 R11, “Offsite and Control Room Operator Doses Due to a Main Steam Line Break”
11. FENCDOSE Run, Time Dependent Releases, preaccident 21 uCi/gm I-131 equivalent case (APS77F10A.txt)
12. FENCDOSE Run, Time Dependent Releases, 0.265 uCi/gm I-131 accident initiated Iodine spike (APS77F10B.txt)
13. TVA NPG Calculation WBNTSR-064 R8, “Offsite and Control Room Operator Doses Due to a Waste Gas Decay Tank Rupture”
14. TVA NPG Calculation TI-RPS-197 R21, “Offsite Doses Due to a Regulatory Guide 1.4 Loss of Coolant Accident”
15. Met files used in the ARCON96 X/Q calculations
16. 1976 TVA Report, “Impingement at Watts Bar Steam Plant”
17. Table 3-7, “Total Numbers of Each Native Mussel Species Collected During Preoperational (1983-1994) and Operational (1996-1997) Surveys Near Watts Bar Nuclear Plant”
18. Appendix A-2, “Results of 14 Native Mussel Surveys at 12 Sites in the Vicinity of Watts Bar Nuclear Plant, 1983-1997”

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**From:** Wiebe, Joel [mailto:Joel.Wiebe@nrc.gov]

**Sent:** Wednesday, April 21, 2010 4:55 AM

**To:** Stegen, Amanda; Keller, Tonya K  
**Cc:** WBN2HearingFile Resource; Beissel, Dennis  
**Subject:** RE: RAI Response

Amanda/Tonya,

TVA has filed a motion to dismiss contention 1 based on the April 9, 2010, submittal. The enclosures to the April 9, 2010, submittal appear to be included at the end of the attached document.

Joel

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**From:** Stegen, Amanda [mailto:Amanda.Stegen@pnl.gov]  
**Sent:** Tuesday, April 20, 2010 12:22 PM  
**To:** Wiebe, Joel; Keller, Tonya K; Imboden, Andy  
**Cc:** WBN2HearingFile Resource; Beissel, Dennis; Krieg, Rebekah; Bryce, Robert W; Cort, Katherine A  
**Subject:** RE: RAI Response

Thanks Joel,

Many of the RAI responses TVA submitted refer to the attachments, so the sooner we get them the better. Staff have been reviewing the letter that TVA sent and there are some questions/clarifications that have come up. Once we review the whole package, we would like to schedule a call with TVA to discuss some of the items. At this time, I know we will need to discuss a few hydrology, land use, and aquatic questions. Once we see the rest of the submittal, there may be a few more areas that need clarification, but we will let you know.

Thanks,

Amanda

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**From:** Wiebe, Joel [mailto:Joel.Wiebe@nrc.gov]  
**Sent:** Tuesday, April 20, 2010 8:31 AM  
**To:** Keller, Tonya K; Imboden, Andy  
**Cc:** Stegen, Amanda; WBN2HearingFile Resource  
**Subject:** RE: RAI Response

This is another large hardcopy submittal. It will take some time for the attachments to be processed into ADAMS.

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**From:** Keller, Tonya K [mailto:Tonya.Keller@pnl.gov]  
**Sent:** Monday, April 19, 2010 12:30 PM  
**To:** Wiebe, Joel; Imboden, Andy  
**Cc:** Stegen, Amanda  
**Subject:** FW: RAI Response

Joel and Andy,

I understand that Dennis is out this week, can either of you please check on this for me. We need the attachments that go with the RAI response.

Thanks,

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**Tonya Keller**

Program Specialist  
Pacific Northwest National Laboratory

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**From:** Stegen, Amanda  
**Sent:** Friday, April 16, 2010 9:30 AM  
**To:** Beissel, Dennis; Keller, Tonya K; Krieg, Rebekah  
**Cc:** Bryce, Robert W  
**Subject:** RE: RAI Response

Hi Dennis,

Do you have all the attachments that go with this RAI response? This is only part of the submittal and many of the responses reference the attachments. I will check with the team about the availability the week of the 24<sup>th</sup> and get back to you. It looks like TVA has answered all the questions, with the exception of H-16, which they say they will have to NRC by April 23<sup>rd</sup>. I will also send these out to the team to have them check on completeness of the responses. I will let you know if we need clarification on any of the RAI responses.

Thanks –

Amanda

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**From:** Beissel, Dennis [mailto:Dennis.Beissel@nrc.gov]  
**Sent:** Friday, April 16, 2010 6:35 AM  
**To:** Stegen, Amanda; Keller, Tonya K; Krieg, Rebekah  
**Cc:** Bryce, Robert W  
**Subject:** FW: RAI Response

Is this the remainder of what we need? Can we do the writing session the week of May 24th??

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**From:** Milano, Patrick  
**Sent:** Friday, April 16, 2010 8:08 AM  
**To:** Beissel, Dennis  
**Cc:** Wiebe, Joel; WBN2HearingFile Resource  
**Subject:** RAI Response

In case you haven't seen this yet.

**Hearing Identifier:** Watts\_Bar\_2\_Operating\_LA\_Public  
**Email Number:** 8

**Mail Envelope Properties** (F371D08C516DE74F81193E6D891DC4AF304C170734)

**Subject:** RE: RAI Response  
**Sent Date:** 4/28/2010 4:47:24 PM  
**Received Date:** 4/28/2010 4:47:39 PM  
**From:** Wiebe, Joel

**Created By:** Joel.Wiebe@nrc.gov

**Recipients:**

"WBN2HearingFile Resource" <WBN2HearingFile.Resource@nrc.gov>  
Tracking Status: None  
"Beissel, Dennis" <Dennis.Beissel@nrc.gov>  
Tracking Status: None  
"Krieg, Rebekah" <rebekah.krieg@pnl.gov>  
Tracking Status: None  
"Stegen, Amanda" <Amanda.Stegen@pnl.gov>  
Tracking Status: None  
"Keller, Tonya K" <Tonya.Keller@pnl.gov>  
Tracking Status: None

**Post Office:** HQCLSTR02.nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	7299	4/28/2010 4:47:39 PM
FW: Watts Bar, Unit 2, Response to U.S. Nuclear Regulatory Commission (NRC) Request for Additional Information Regarding Environmental Review. 04/09/2010 90859		

**Options**

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