

WBN2Public Resource

From: Boyd, Desiree L [dlboyd@tva.gov]
Sent: Friday, April 29, 2011 1:31 PM
To: Epperson, Dan; Poole, Justin; Raghavan, Rags; Milano, Patrick; Campbell, Stephen
Cc: Crouch, William D; Boyd, Desiree L; Hamill, Carol L; Bryan, Robert H Jr
Subject: TVA letter to NRC_04-29-11_New Fuel Receipt - Response to RAI_Part 70 Letter
Attachments: 04-29-11_New Fuel Receipt - Response to RAI_Part 70 Letter_Final.pdf

Please see attached TVA letter that was sent to the NRC today.

Thank You,

~*~*~*~*~*~*~*~*~*~*~*~*~*~*~*~*

Desirée L. Boyd

WBN 2 Licensing Support

Sun Technical Services

dlboyd@tva.gov

423-365-8764

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Subject: TVA letter to NRC_04-29-11_New Fuel Receipt - Response to RAI_Part 70 Letter
Sent Date: 4/29/2011 1:30:46 PM
Received Date: 4/29/2011 1:31:24 PM
From: Boyd, Desiree L
Created By: dlboyd@tva.gov

Recipients:

"Crouch, William D" <wdcrouch@tva.gov>
Tracking Status: None
"Boyd, Desiree L" <dlboyd@tva.gov>
Tracking Status: None
"Hamill, Carol L" <clhamill@tva.gov>
Tracking Status: None
"Bryan, Robert H Jr" <rhbryan@tva.gov>
Tracking Status: None
"Epperson, Dan" <Dan.Epperson@nrc.gov>
Tracking Status: None
"Poole, Justin" <Justin.Poole@nrc.gov>
Tracking Status: None
"Raghavan, Rags" <Rags.Raghavan@nrc.gov>
Tracking Status: None
"Milano, Patrick" <Patrick.Milano@nrc.gov>
Tracking Status: None
"Campbell, Stephen" <Stephen.Campbell@nrc.gov>
Tracking Status: None

Post Office: TVANUCXVS2.main.tva.gov

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April 29, 2011

10 CFR 70.22(a)

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555-0001

Watts Bar Nuclear Plant, Unit 2
NRC Docket No. 50-391

Subject: Watts Bar Nuclear Plant (WBN) Unit 2 – New Fuel Receipt – Response to Request for Additional Information

Reference: TVA Letter - Application for a Special Nuclear Material License for Watts Bar Nuclear Plant Unit 2 in Accordance with 10 CFR 70, "Domestic Licensing of Special Nuclear Material," dated November 12, 2009

This letter responds to an NRC verbal request for additional information (RAI) regarding the receipt and storage of new fuel for Unit 2. This RAI was discussed during an April 27, 2011, phone call.

The NRC noted that during their review of the 10 CFR 70 License application that the new fuel storage vault does not include sufficient space to store the total number of fuel assemblies required for the initial Unit 2 core load. Clarification was requested as to where the fuel would be stored if not in the new fuel vault. The fuel for the initial Unit 2 core load will be stored in either the new fuel vault and the spent fuel pool, or completely in the spent fuel pool. This was stated in the second paragraph of Section 1.1.2 Facility Description of Enclosure 1 to the referenced Application request. The application request and FSAR Section 9.1 describe features of the new fuel storage vault and the spent fuel pool that establish that criticality safety of the new fuel is assured in both storage locations.

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There are no new commitments made in this letter. If you have any questions, please contact Bill Crouch at (423) 365-2004.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 29th day of April, 2011.

Respectfully,

A handwritten signature in blue ink, appearing to read 'David Stinson', with a stylized flourish at the end.

David Stinson
Watts Bar Unit 2 Vice President

cc: U. S. Nuclear Regulatory Commission
Region II
Marquis One Tower
245 Peachtree Center Ave., NE Suite 1200
Atlanta, Georgia 30303-1257

NRC Resident Inspector Unit 2
Watts Bar Nuclear Plant
1260 Nuclear Plant Road
Spring City, Tennessee 37381

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bcc: Stephen Campbell

U.S. Nuclear Regulatory Commission

MS 08H4A

One White Flint North

11555 Rockville Pike

Rockville, Maryland 20852-2738

Charles Casto, Deputy Regional Administrator for Construction

U. S. Nuclear Regulatory Commission

Region II

Marquis One Tower

245 Peachtree Center Ave., NE Suite 1200

Atlanta, Georgia 30303-1257