

July 6, 2006

LICENSEE: TENNESSEE VALLEY AUTHORITY
FACILITY: BROWNS FERRY NUCLEAR PLANT, UNITS 1, 2, AND 3
SUBJECT: SUMMARY OF A MEETING HELD ON MARCH 1, 2006, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND THE TENNESSEE VALLEY AUTHORITY ON THE LICENSE RENEWAL APPLICATION FOR THE BROWNS FERRY NUCLEAR PLANT, UNITS 1, 2, AND 3 (TAC NOS. MC1704, MC1705, AND MC1706)

On March 1, 2006, the U.S. Nuclear Regulatory Commission (NRC) staff met with Tennessee Valley Authority (TVA), the applicant, in a public meeting to reiterate that the license renewal application (LRA) review is incomplete due to non-receipt of supporting technical information from the applicant. These relate to providing a clear definition of a current licensing basis for Browns Ferry Nuclear Plant (BFN), Unit 1, and other deficiencies identified in the last Advisory Committee on Reactor Safeguards (ACRS) Subcommittee and ACRS Full Committee meetings, reviews held on October 5-6, 2005. Additionally to the items discussed in our letter dated March 3, 2006, the NRC also requested additional information on items as provided in Enclosure 3 to this meeting summary.

Enclosure 1 provides meeting highlight points; Enclosure 2 provides the list of participants, and Enclosure 3 provides the additional information requested.

If you have any questions regarding this letter, please contact Ms. Yaira Diaz Sanabria, Project Manager, at 301-415-1594 or by e-mail at yks@nrc.gov.

Sincerely,

/RA/

Yaira Diaz Sanabria, Project Manger
License Renewal Branch A
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-259, 50-260, and 50-296

Enclosures:
As stated

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If you have any questions regarding this letter, please contact Ms. Yoira Diaz Sanabria, Project Manager, at 301-415-1594 or by e-mail at yks@nrc.gov.

Sincerely,
/RA/
Yoira Diaz Sanabria, Project Manger
License Renewal Branch A
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-259, 50-260, and 50-296

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NAME:	YDiaz-Sanabria	YEdmonds	LLund
DATE:	3/ 23 /06	3/22/06	7/6/06

OFFICIAL RECORD ONLY

MEETING HIGHLIGHT POINTS
LICENSE RENEWAL MEETING BETWEEN THE
U.S. NUCLEAR REGULATORY COMMISSION AND
TENNESSEE VALLEY AUTHORITY
MARCH 1, 2006
8:00 a.m. - 9:00 a.m.
OWFN O-7B4

- A. Response to Request for Additional Information (RAI) letter dated January 31, 2006 regarding the LRA Appendix F Commitments: Integration of Unit 1 Activities
 - Formal letter has not yet been received
 - Status implementation of 10 CFR 50.59 evaluations and programmatic commitments (e.g., Maintenance Rule, EQ, Fire Protection) to be completed and implemented prior to restart, and ready for NRC's audit

- B. New Unit 1 Periodic Inspection Program regarding the unreplaced piping and components that were in lay up
 - Demonstration of a robust program description

- C. Drywell Shell Corrosion Cracking
 - Commitment for aging management under license renewal space

LIST OF PARTICIPANTS
MEETING BETWEEN THE NRC STAFF AND TVA
FOR THE BROWNS FERRY NUCLEAR PLANT, UNITS 1, 2, AND 3

March 1, 2006

<u>Participants</u>	<u>Affiliation</u>
Pao-Tsin Kuo	U.S. Nuclear Regulatory Commission (NRC)
Louise Lund	NRC
Ram Subbaratnam	NRC
Yaira Diaz Sanabria	NRC
David Jeng	NRC
Richard McNally	NRC
Arnold Lee	NRC
Ken Brune	Tennessee Valley Authority (TVA)
Joe McCarthy	TVA
Masoud Bajestani	TVA
William Crouch	TVA

Additional Information Requested during the Public Meeting held on March 1, 2006

Unit 1 Periodic Inspection Program:

1. Provide for appropriate corrective action if degradation is detected by considering all homogeneous material/environment combinations as suspect.
2. Include a commitment that the implementation procedures are to be available for review by a specified date or period of time.

OI 2.4-3 Drywell Shell - Liner:

1. Per TVA letter dated November 16, 2005, TVA stated that it will perform a one-time confirmatory ultrasonic thickness measurements on a portion of the cylindrical section of the drywell in a region where the liner plate is 0.75 inches thick. TVA is requested to justify its proposed use of "one-time confirmatory ultrasonic inspection" versus use of a periodic aging management program containing the ultrasonic inspection, frequency of inspection and criteria for evaluating the ultrasonic measurement results elements. The staff has a concern that a one-time confirmatory inspection program, even with acceptable measuring results, may not be able to assure continued drywell shell integrity for the entire extended period of operation.
2. TVA stated that the BFN configuration of the refueling cavity to drywell seal is different from that of a number of other Mark I containments including the facts that there is no gasket at the drain, and the leakage from the refueling seal can be monitored. Please provide pertinent sketches to explain the above stated differences in seal configurations between BFN and other Mark I plants cited above and explain how the leakage of refueling seal is monitored as well as the reliability of the monitoring set up.
3. Regarding the walkdown performed in April 1998 at Unit 3 refueling seal area near the dry well flange (refer to TVA letter dated May 31, 2005), it was reported by TVA that standing water was observed. Please discuss the specific areas affected with the aid of sketches depicting the circumstances and the specific remedial action(s) taken. Also confirm if similar standing water experience was observed for Units 2 and 3 and why corrosion is not an issue.

Note to Licensee - Tennessee Valley Authority from Y. Diaz Sanabria dated July 6, 2006

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BROWNS FERRY NUCLEAR PLANT

- 2 -

Tennessee Valley Authority

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