June 12, 2001

MEMORANDUM TO: Stuart A. Richards, Director
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: Robert E. Moody, Project Manager, Section 1 ***/RA/***
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF MEETING HELD ON MAY 9 AND 10, 2001, WITH ENTERGY OPERATIONS, INC. TO DISCUSS VARIOUS RIVER BEND STATION LICENSING ISSUES

On May 9 and 10, 2001, a meeting was held with Entergy Operations, Inc. (Entergy or the licensee) licensing and technical staff to discuss various River Bend Station licensing issues. The meeting took place at the U.S. Nuclear Regulatory Commission (NRC) headquarters offices in Rockville, Maryland. The meeting times were 1:00 p.m. to 3:15 p.m. on May 9, 2001, and 9:00 a.m. to 11:00 a.m. on May 10, 2001. A list of the attendees and handout material are attached.

The following issues were discussed:

- Issue: Status and priority of outage-related license amendment requests (LARs)

  Discussion: The licensee presented information related to pre-outage, outage, and post-outage license amendment priorities.

- Issue: Inclined Fuel Transfer System (IFTS) (LAR-2000-27)

  Discussion: The two phases of the LAR dated January 24, 2001, were discussed, including the scope of the request, the dates by which the amendments were needed, and projected benefits. The licensee agreed to provide a response to the following question posed by the staff regarding Phase A (IFTS bottom valve remains closed during system training and testing):

  In your dose evaluation for the IFTS designated operator, you described the various sources that contributed to the dose to this operator following a loss-of-coolant accident (LOCA). Your evaluation assumed a TID-14844/Regulatory Guide 1.3 source term in calculating the dose contribution from containment shine, suppression pool shine, and airborne isotopes in the Fuel Building. Instead of using the same source term (i.e., TID-14844) to calculate the dose contribution to the operator from the IFTS drain line and tank, you referenced a July 1996 General Electric report as justification for stating that this operator would not get any dose from the IFTS drain line and tank (by assuming

that fuel damage will not occur within 121 seconds of a LOCA). Since TID-14844 assumes that instantaneous fuel damage occurs following a LOCA, the use of a 121-second delay time (for the IFTS drain line and tank dose calculation) appears to be a request to apply a timing-only selective application of the alternate source term (AST) under 10 CFR 50.67 and Regulatory Guide 1.183, based on the referenced Boiling Water Reactor Owners Group report. Please confirm that the staff's understanding is your intent. If you are planning on using the timing-only selective application of the AST, you must revise your dose calculations for the dedicated operator so that all dose contributions (i.e., dose contributions from the IFTS drain line and tank, containment shine, suppression pool shine, and airborne isotopes in the Fuel Building) are consistent with the AST timing assumption.

Discussion: The possibility of the NRC staff needing additional information relative to Phase B (bottom valve is opened to allow completion of system testing and movement of new fuel) was discussed.

- Issue: Handling Irradiated Fuel with Open Containment (LAR-2000-24)

  Discussion: The licensee discussed the scope of the LAR dated January 24, 2001, the date by which the amendment is needed, and the projected benefits of the amendment. The licensee agreed to provide responses to the following related questions:

  The LAR states that no new or revised fuel handling accident dose analysis is needed for your amendment request. With regard to this statement, the staff raised the following questions to the licensee:

  1) How have you determined that the current atmospheric dispersion factors (X/Qs) for the control room, used in the current fuel handling accident analyses, are applicable to the new potential release location through the open equipment hatch?

  2) What release location was used to calculate the current control room X/Qs?

  3) Please provide information on the locations of postulated containment releases and control room intakes as well as the distance between them. Also, provide a plant plan or figure that shows plant North, true North, buildings, the assumed release location for the current control room X/Qs, the locations of the control room ventilation intakes, and the location of the equipment hatch.

  References in the LAR to assessing the risk and managing the impact of the open containment configuration in accordance with 10 CFR 50.65(a)(4) were discussed. The NRC staff stated that the LAR should be supplemented to address the guidance in the "Reviewer's Note" in Technical Specification Task Force 51, Revision 2, "Revise Containment Requirements During Handling Irradiated Fuel and Core Alterations."

- Issue: Needed Changes To Prepare for New Fuel Vendor (LAR-2000-28)

  Discussion: The discussion included the scope of the changes, date by which the amendment is needed, and reasons for the changes.

- Issue: Emergency Diesel Generator Allowed Outage Time (to be submitted)

Discussion: The discussion included the scope of the requested change, expected submittal date, the date by which the amendment is needed, and the expected benefits of the change.

- Issue: Changes to the Emergency Preparedness Plan (LAR dated June 29, 2000)

  Discussion: Supporting information related to the proposed emergency plan changes was presented. The revised definition of "operational" was discussed. Based upon the discussion, the licensee agreed to reword the definition provided in the supplemental letter dated May 8, 2001.

  Staffing of the position of "communicator" was discussed. The licensee agreed to revise proposed Table 13.3-17 "Shift Staffing and Augmentation Capabilities" of the River Bend Station Emergency Plan to show a dedicated communicator on shift. Additionally, the licensee agreed to revise Appendix A, "Emergency Organization Job Description," to state that shift nuclear equipment operators (4) are also trained to perform the emergency communicator task, if required.

  The total number of personnel with on shift emergency responsibilities described in revised Table 13.3-17 "Shift Staffing and Augmentation Capabilities" was discussed. The licensee agreed to re-evaluate the total number provided in the revised table.

  The coverage and timeliness of readiness for deployment of the position of offsite surveys described in revised Table 13.3-17, "Shift Staffing and Augmentation Capabilities," was discussed. The licensee agreed to clarify these two issues related to personnel who would perform the function of offsite surveys.

Docket No. 50-458

Attachments: As stated

cc w/encl: See next page

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  Discussion: The discussion included the scope of the requested change, expected submittal date, the date by which the amendment is needed, and the expected benefits of the change.

- Issue: Changes to the Emergency Preparedness Plan (LAR dated June 29, 2000)

  Discussion: Supporting information related to the proposed emergency plan changes was presented. The revised definition of "operational" was discussed. Based upon the discussion, the licensee agreed to reword the definition provided in the supplemental letter dated May 8, 2001.

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Docket No. 50-458

Attachments: As stated

cc w/encl: See next page

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ADAMS ACCESSION NO.: ML011630530 Mtg Summary: ML011200602 Handouts: ML011340270

OFFICE	PDIV-1/PM	PDIV-1/LA	PDIV-1/SC
NAME	RMoody	DJohnson	RGramm
DATE	06/12/01	06/12/01	06/12/01

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SUMMARY OF MEETING HELD ON MAY 9 AND 10, 2001, TO DISCUSS VARIOUS RIVER BEND STATION LICENSING ISSUES

Dated: June 12, 2001

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LIST OF ATTENDEES

MEETING TO DISCUSS VARIOUS RIVER BEND STATION LICENSING ISSUES
(AT NRC HEADQUARTERS)
MAY 9 AND 10, 2001

May 9, 2001 Attendees

NAME	ORGANIZATION
Mike Krupa	Entergy
Joe Leavines	Entergy
Ron Byrd	Entergy
Greg Norris	Entergy
Virgel Furr	Entergy
Stuart Richards	NRC
Bob Gramm	NRC
Bob Moody	NRC
Chang-Yang Li	NRC
Bob Palla	NRC
Charles Hinson	NRC
David Cullison	NRC
Michelle Hart	NRC
Kamal Naidu	NRC
Stephen Alexander	NRC
Robert Giardina	NRC

May 10, 2001

NAME	ORGANIZATION
Stuart Richards	NRC
Bob Gramm	NRC
Bob Moody	NRC
Kathy Halvey Gibson	NRC
Edwin Fox	NRC
Joe Leavines	Entergy
Mike Bararich	Entergy
Doug Myers	Entergy
Greg Norris	Entergy

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