March 15, 2007

LICENSEE: Entergy Nuclear Operations, Inc.

FACILITY: James A. FitzPatrick Nuclear Power Plant

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALLS HELD ON JANUARY 31, 2007 AND FEBRUARY 13, 2007, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND ENTERGY NUCLEAR OPERATIONS, INC., CONCERNING DRAFT REQUESTS FOR ADDITIONAL INFORMATION PERTAINING TO THE JAMES A. FITZPATRICK NUCLEAR POWER PLANT, LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Entergy Nuclear Operations, Inc., (ENO) held telephone conference calls on January 31, 2007 and February 13, 2007, to discuss and clarify the staff's draft requests for additional information (RAIs) concerning the James A. FitzPatrick Nuclear Power Plant, license renewal application. The telephone conference calls were useful in clarifying the intent of the staff's RAIs.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a listing of the RAIs discussed with the applicant, including a brief description on the status of the items.

The applicant had an opportunity to comment on this summary.

/RA/
Tommy Le, Sr. Project Manager
License Renewal Branch B
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-333

Enclosures:
1. List of Participants
2. List of Draft RAIs

cc w/encls: See next page

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OFFICE	LA:DLR	PM:RLRB:DLR	BC:RLRB:DLR	PM: RLRB: DLR
NAME	IKing	TLe	RAuluck	K.Howard
DATE	03 / 14 /07	03/ 14 /07	03/ 15 /07	03/ 13 /07

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LIST OF PARTICIPANTS FROM THE
TELEPHONE CONFERENCE CALL
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
LICENSE RENEWAL APPLICATION

JANUARY 31, 2007 AND FEBRUARY 13, 2007

PARTICIPANTS	AFFILIATIONS
Tommy Le	U.S. Nuclear Regulatory Commission (NRC)
Kent Howard	NRC
Matthew Mitchell	NRC
Allison Black	NRC
Rick Plasse	Entergy Nuclear Operations, Inc. (ENO)
Mike Stroud	ENO
Bob Penny	ENO
Joe Pahacheck	ENO
Don Farbinger	ENO

Enclosure 1

JAMES A. FITZPATRICK NUCLEAR POWER PLANT
LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Entergy Nuclear Operations, Inc., held a telephone conference calls on January 31, 2007 and February 13, 2007, to discuss and clarify the following draft requests for additional information (RAIs) concerning Section 4.2.2, Leak Before Break for the James A. FitzPatrick Nuclear Power Plant (JAFNPP), license renewal application (LRA).

RAI 4.7.2 Leak Before Break (January 31, 2007)

Discussion: The teleconference was conducted on January 31, 2007, to discuss Section 4.7.2, Leak Before Break, of the JAFNPP LRA. The NRC questioned the use of the calculation identified in Section 4.7.2 of the LRA. The NRC staff specifically asked if the calculation supported the statement in the updated final safety analysis report (UFSAR) Section 16.3.2.2 regarding "protective devices."

The applicant indicated that information in the JAFNPP UFSAR Section 16.3.2.2, addresses reactor coolant system leakage rates and leakage detection systems via the leak before break analysis. This analysis assumes that a pipe will first crack and gradually increase the amount of leakage until reaching the critical crack length at which time the crack propagates into a break. Based on this analysis, the leak detection system is designed to detect a leak before it becomes a break in lieu of the pipe restraint requirement.

After discussion about the nature of the potential time-limited aging analysis (TLAA), NRC requested the following information:

1. The applicant will provide supporting documentation for the purpose of performing the analysis. The applicant then provided information to the NRC that had been documented in the original plant Safety Evaluation Report (SER) Section 5.2.2 dated November 20,1972.

RAI 4.7.2 Leak Before Break (February 13, 2007)

Discussion: After the staff has reviewed the original NRC SER dated November 20,1972, another teleconference was conducted between NRC and JAFNPP personnel on February 13, 2007, to further discuss Section 4.7.2, Leak Before Break, of the JAFNPP LRA. Per discussion with the applicant, NRC staff requested that the applicant revise and resubmit LRA Section 4.7.2 after addressing the following points:

1. Remove all references to "Leak Before Break (LBB)," as the TLAA being discussed clearly predates the formal concept of Leak Before Break documented in Standard Review Plan Section 3.6.3.

2. Rename the section with a title that describes the primary purpose of the analysis in FSAR 16.3.2 (see also the staff's original SER for licensing of the facility, Section 5.2.2).

3. Discuss the specific “time limited part” of the original analysis and provide a description of the “plant modifications” (or non-installations) which were permitted based on the original analysis including locations, or systems, in the plant to which the “modifications” were permitted.

4. Conclude with an explanation of how the TLAA will be addressed in the context of the ongoing LRA review OR include a commitment to submit the completed TLAA for review at least 2 years prior to entering the period of extended operation.

Based on the above information, RAI 4.7.2 was issued to the applicant by letter dated February 23, 2007.

Memo to Entergy Nuclear Operations, Inc., from N. Le, dated March 15, 2007

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GHunegs, SRI
ECobey
RLaufer
JBoska

James A. FitzPatrick Nuclear Power Plant

Mr. Gary J. Taylor
Chief Executive Officer
Entergy Operations, Inc.
1340 Echelon Parkway
Jackson, MS 39213

Mr. John T. Herron
Sr. VP and Chief Operating Officer
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. Peter T. Dietrich
Site Vice President
Entergy Nuclear Operations, Inc.
James A. FitzPatrick Nuclear Power Plant
P.O. Box 110
Lycoming, NY 13093

Mr. Kevin J. Mulligan
General Manager, Plant Operations
Entergy Nuclear Operations, Inc.
James A. FitzPatrick Nuclear Power Plant
P.O. Box 110
Lycoming, NY 13093

Mr. Oscar Limpias
Vice President Engineering
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. Christopher Schwartz
Vice President, Operations Support
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. John F. McCann
Director, Licensing
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Resident Inspector's Office
James A. FitzPatrick Nuclear Power Plant
U. S. Nuclear Regulatory Commission
P.O. Box 136
Lycoming, NY 13093

Ms. Charlene D. Faison
Manager, Licensing
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. Michael J. Colomb
Director of Oversight
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. David Wallace
Director, Nuclear Safety Assurance
Entergy Nuclear Operations, Inc.
James A. FitzPatrick Nuclear Power Plant
P.O. Box 110
Lycoming, NY 13093

Mr. James Costedio
Manager, Regulatory Compliance
Entergy Nuclear Operations, Inc.
James A. FitzPatrick Nuclear Power Plant
P.O. Box 110
Lycoming, NY 13093

Assistant General Counsel
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. Charles Donaldson, Esquire
Assistant Attorney General
New York Department of Law
120 Broadway
New York, NY 10271

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. Steven Lyman
Oswego County Administrator
46 East Bridge Street
Oswego, NY 13126

Mr. Peter R. Smith, President
New York State Energy, Research,
and Development Authority
17 Columbia Circle
Albany, NY 12203-6399

Mr. Paul Eddy
New York State Dept. of Public Service
3 Empire State Plaza
Albany, NY 12223-1350

Supervisor
Town of Scriba
Route 8, Box 382
Oswego, NY 13126

Mr. James H. Sniezek
BWR SRC Consultant
5486 Nithsdale Drive
Salisbury, MD 21801-2490

Mr. Michael D. Lyster
BWR SRC Consultant
5931 Barclay Lane
Naples, FL 34110-7306

Mr. Garrett D. Edwards
814 Waverly Road
Kennett Square, PA 19348

Mr. Rick Plasse
Project Manager, License Renewal
Entergy Nuclear Operations, Inc.
James A. FitzPatrick Nuclear Power Plant
P.O. Box 110
Lycoming, NY 13093

Mr. James Ross
Nuclear Energy Institute
1776 I Street, NW, Suite 400
Washington, DC 20006-3708