

July 25, 2002

Mr. Michael R. Kansler
Senior Vice President and
Chief Operating Officer
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION (RAI) REGARDING RELIEF
REQUEST TO USE RISK-INFORMED INSERVICE INSPECTION, INDIAN
POINT NUCLEAR GENERATING UNIT NO. 3 (TAC NO. MB4637)

Dear Mr. Kansler:

In a letter dated February 5, 2002, Entergy Nuclear Operations, Inc. (ENO) submitted proposed Relief Request No. RR 3-38 to use the Risk-Informed Inservice Inspection (RI-ISI) Program as an alternative to the requirements in Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components," of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code for Indian Point Nuclear Generating Unit No. 3. The proposed alternative would be applied to Class 1, Category B-F and B-J welds.

The U.S. Nuclear Regulatory Commission staff is reviewing the information provided in the February 5 submittal and has determined that additional information is needed to complete its review. The specific questions are found in the enclosed request for additional information (RAI). During a telephone call on July 11, 2002, the ENO staff indicated that a response to the RAI would be provided within 60 days.

If you should have any questions, please do not hesitate to call me.

Sincerely,

/RA/

Patrick D. Milano, Sr. Project manager, Section 1
Project Directorate 1
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-286

Enclosure: RAI

cc w/encl: See next page

July 25, 2002

Mr. Michael R. Kansler
Senior Vice President and
Chief Operating Officer
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION (RAI) REGARDING RELIEF
REQUEST TO USE RISK-INFORMED INSERVICE INSPECTION, INDIAN
POINT NUCLEAR GENERATING UNIT NO. 3 (TAC NO. MB4637)

Dear Mr. Kansler:

In a letter dated February 5, 2002, Entergy Nuclear Operations, Inc. (ENO) submitted proposed Relief Request No. RR 3-38 to use the Risk-Informed Inservice Inspection (RI-ISI) Program as an alternative to the requirements in Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components," of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code for Indian Point Nuclear Generating Unit No. 3. The proposed alternative would be applied to Class 1, Category B-F and B-J welds.

The U.S. Nuclear Regulatory Commission staff is reviewing the information provided in the February 5 submittal and has determined that additional information is needed to complete its review. The specific questions are found in the enclosed request for additional information (RAI). During a telephone call on July 11, 2002, the ENO staff indicated that a response to the RAI would be provided within 60 days.

If you should have any questions, please do not hesitate to call me.

Sincerely,

/RA/

Patrick D. Milano, Sr. Project manager, Section 1
Project Directorate 1
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-286

Enclosure: RAI

cc w/encl: See next page

DISTRIBUTION

PUBLIC	T. Chan	T. Clark	OGC
PDI-1 Reading	M. Rubin	P. Eselgroth, RGN-I	ACRS
S. Richards	P. Milano	A. Keim	
R. Laufer	S. Little	S. Dinsmore	

Accession Number: ML021980208

*Concurred on by e-mail dated 7/24/02

OFFICE	PDI-1:PM	PDI-1:LA*	EMCB:SC	SPSB:SC	PDI-1:SC
NAME	PMilano	SLittle	TChan	SDinsmore for MRubin	RLaufer
DATE	07/25/02	7/24/02	07/25/02	07/25/02	07/25/02

OFFICIAL RECORD COPY

Indian Point Nuclear Generating Unit No. 3

cc:

Mr. Jerry Yelverton
Chief Executive Officer
Entergy Operations
1340 Echelon Parkway
Jackson, MS 39213

Mr. Robert J. Barrett
Vice President - Operations
Entergy Nuclear Operations, Inc.
Indian Point Nuclear Generating Unit 3
295 Broadway, Suite 3
P. O. Box 308
Buchanan, NY 10511-0308

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

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

Mr. Joseph DeRoy
General Manager Operations
Entergy Nuclear Operations, Inc.
Indian Point Nuclear Generating Unit 3
295 Broadway, Suite 3
P. O. Box 308
Buchanan, NY 10511-0308

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

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

Mr. Harry P. Salmon, Jr.
Director of Oversight
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. James Comiotes
Director, Nuclear Safety Assurance
Entergy Nuclear Operations, Inc.
Indian Point Nuclear Generating Unit 3
295 Broadway, Suite 3
P.O. Box 308
Buchanan, NY 10511-0308

Mr. John Donnelly
Licensing Manager
Entergy Nuclear Operations, Inc.
Indian Point Nuclear Generating Unit 3
295 Broadway, Suite 3
P.O. Box 308
Buchanan, NY 10511-0308

Mr. John McCann
Manager, Licensing and Regulatory Affairs
Entergy Nuclear Operations, Inc.
Indian Point Nuclear Generating Unit 2
295 Broadway, Suite 1
P. O. Box 249
Buchanan, NY 10511-0249

Resident Inspector's Office
U.S. Nuclear Regulatory Commission
295 Broadway, Suite 3
P.O. Box 337
Buchanan, NY 10511-0337

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

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

Indian Point Nuclear Generating Unit No. 3

cc:

Ms. Stacey Lousteau
Treasury Department
Entergy Services, Inc.
639 Loyola Avenue
Mail Stop: L-ENT-15E
New Orleans, LA 70113

Mr. William M. Flynn, President
New York State Energy, Research, and
Development Authority
Corporate Plaza West
286 Washington Avenue Extension
Albany, NY 12203-6399

Mr. J. Spath, Program Director
New York State Energy, Research, and
Development Authority
Corporate Plaza West
286 Washington Avenue Extension
Albany, NY 12203-6399

Mr. Paul Eddy
Electric Division
New York State Department
of Public Service
3 Empire State Plaza, 10th Floor
Albany, NY 12223

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

Mayor, Village of Buchanan
236 Tate Avenue
Buchanan, NY 10511

Mr. Ray Albanese
Executive Chair
Four County Nuclear Safety Committee
Westchester County Fire Training Center
4 Dana Road
Valhalla, NY 10592

Mr. Ronald Schwartz
SRC Consultant
64 Walnut Drive
Spring Lake Heights, NJ 07762

Mr. Ronald J. Toole
SRC Consultant
Toole Insight
605 West Horner Street
Ebensburg, PA 15931

Mr. Charles W. Hehl
SRC Consultant
Charles Hehl, Inc.
1486 Matthew Lane
Pottstown, PA 19465

Mr. Alex Matthiessen
Executive Director
Riverkeeper, Inc.
25 Wing & Wing
Garrison, NY 10524

Mr. Paul Leventhal
The Nuclear Control Institute
1000 Connecticut Avenue NW
Suite 410
Washington, DC, 20036

Mr. Karl Copeland
Pace Environmental Litigation Clinic
78 No. Broadway
White Plains, NY 10603

Jim Riccio
Greenpeace
702 H Street, NW
Suite 300
Washington, DC 20001

Request for Additional Information

Regarding Relief Request RR 3-28 to Use Risk-informed Inservice Inspection

Indian Point Nuclear Generating Unit No. 3

In a letter dated February 5, 2002, Entergy Nuclear Operations, Inc. (the licensee) submitted a proposed Relief Request No. RR 3-38 to use the Risk-Informed Inservice Inspection (RI-ISI) Program as an alternative to the requirements in Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components," of the American Society of Mechanical Engineers(ASME) Boiler and Pressure Vessel Code for Indian Point Nuclear Generating Unit No. 3. The NRC staff has the following questions regarding the information provided in the proposed alternative:

1. Section 3.4, "Risk Characterization," of RI-ISI Program Plan states, in part, that each piping segment was evaluated to determine its potential for failure and impact on containment performance (isolation, bypass and large early release). The Program Plan does not include a large early release frequency (LERF) estimate for your probabilistic risk assessment nor any other LERF information. Describe how the impact of segment failure on containment performance (isolation, bypass and large early release) was evaluated.
2. Provide a discussion of the expected change in LERF due to implementing the RI-ISI program.
3. In Section 4, "Implementation and Monitoring," the licensee addresses the procedures to implement and monitor the RI-ISI program. Does the licensee plan, as a minimum, to review and adjust the risk ranking of piping segments on an ASME ISI interval basis? Will information coming from NRC bulletins or generic letters and from industry and plant-specific feedback be evaluated for significance and factored, as necessary, into more frequent adjustments of the ranking?
4. Section 3.5.1, "Additional Examinations," states that "[a]dditional examinations will be performed on these elements up to a number equivalent to the number of elements required to be inspected on the segment or segments initially." Clarify this statement regarding the sample size selection for augmented inspections.

If additional examinations are needed following the identification of an unacceptable flaw, will all high and medium risk welds in the population of welds (with the same degradation mechanisms) be included in the examination population from which the additional sample will be selected? Discuss the time frame for performing these expanded examinations.

Enclosure