

123 Main Street  
White Plains, New York 10601  
914-681-6840  
914-287-3309 (FAX)



William J. Cahill, Jr.  
Chief Nuclear Officer

August 16, 1995  
IPN-95-088  
JPN-95-038

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555

Subject: Indian Point 3 Nuclear Power Plant  
Docket No. 50-286  
James A. FitzPatrick Nuclear Power Plant  
Docket No. 50-333  
**Generic Letter 92-01, Revision 1, Supplement 1,  
Reactor Vessel Structural Integrity**

- References:
1. NRC Generic Letter 92-01, Rev. 1, Supplement 1, "Reactor Vessel Structural Integrity," dated May 19, 1995.
  2. NYPA letter, W. A. Josiger to NRC (IPN-94-076), "Generic Letter 92-01, Revision 1: Reactor Vessel Structural Integrity (TAC M83473)," dated June 27, 1994.
  3. BWRVIP letter, J. T. Beckham, Jr. to NRC, "BWRVIP Response to NRC Generic Letter 92-01, Revision 1, Supplement 1, Reactor Vessel Structural Integrity," dated August 10, 1995.

Dear Sir:

The NRC in Reference 1 requested licensees to address, collect and report any new data pertinent to analysis of structural integrity of their reactor pressure vessels (RPV), and to assess the impact of that data on their RPV integrity analyses. A response to part (1) of the generic letter (provide a description of those actions taken or planned to locate all data relevant to the determination of RPV integrity), was requested 90 days from the date of the generic letter. Attachment 1 provides a response to this request for both the Indian Point 3 Nuclear Power Plant and the James A. FitzPatrick Nuclear Power Plant. The information requested in parts (2), (3), and (4) of the generic letter, regarding analysis of the data, was requested 6 months from the date of the generic letter (May 19, 1995). The Authority will respond to parts (2), (3), and (4) by November 19, 1995.

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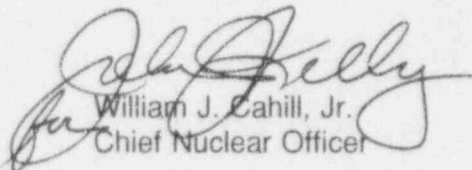
In Reference 2, the Authority committed to complete the following analyses on the Indian Point 3 RPV by June 30, 1995, contingent on the availability of the NRC's Reactor Vessel Integrity Database (RVID):

"The Authority expects to complete its analysis for the Intermediate Shell Axial Welds (2-042 A, B, C) and the Lower Shell Axial Welds (3-042 A, B, C) by June 30, 1995, pending completion of the Reactor Vessel Integrity Database (RVID)."

At the time this commitment was made, the RVID database was expected by the end of 1994. Since this database was not available until the last week of July 1995, the completion of this commitment was deferred, and will be addressed in the November 19, 1995 submittal discussed above. This matter was discussed with the NRC Project Manager on May 24, 1995, who concurred with the decision to defer the completion date.

In addition, the Authority endorses the BWR Vessel and Internals Project's (BWRVIP) response (Reference 3) to Generic Letter 92-01, Revision 1, Supplement 1. Attachment 2 summarizes the Authority's commitments contained within this submittal. If you have any questions, please contact Ms. C. D. Faison.

Very truly yours,

  
William J. Cahill, Jr.  
Chief Nuclear Officer

Attachments: as stated  
cc: Next Page

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

Mr. Nicola F. Conicella, Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
U.S. Nuclear Regulatory Commission  
Mail Stop 14 B2  
Washington, DC 20555

Mr. C. E. Carpenter, Project Manager  
Project Directorate I-1  
Division of Reactor Projects I/II  
U.S. Nuclear Regulatory Commission  
Mail Stop 14 B2  
Washington, DC 20555

Office of the Resident Inspector  
U.S. Nuclear Regulatory Commission  
Indian Point Unit 3 Nuclear Power Plant  
P.O. Box 337  
Buchanan, NY 10511

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

ATTACHMENT 1 TO IPN-95-088/JPN-95-038

**GENERIC LETTER 92-01, REVISION 1, SUPPLEMENT 1,  
REACTOR VESSEL STRUCTURAL INTEGRITY**

NEW YORK POWER AUTHORITY

INDIAN POINT 3 NUCLEAR POWER PLANT

DOCKET NO. 50-286

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DOCKET NO. 50-333

## Attachment 1 to IPN-95-088/JPN-95-038

### Response to Generic Letter 92-01, Revision 1, Supplement 1, Part 1

#### NRC Requested Information

Describe those actions taken or planned to locate all data relevant to the determination of RPV integrity, or an explanation of why the existing database is considered complete as previously submitted.

#### Response

For the James A. Fitzpatrick Nuclear Power Plant, the Authority used General Electric Co. report NEDO-32205A, (Reference 3) in which chemistry data for beltline welds was derived from industry sources and compiled for the Authority in GE report "Implementation of Regulatory Guide 1.99, Revision 2," (Reference 4). For the Indian Point 3 Nuclear Power Plant, the Authority obtained the original manufacturing records and material certifications from ABB/CE, the vessel manufacturer.

However, since it is apparent that no single organization has all the material and test data relevant to RPV integrity evaluations, the Authority is collecting data from other sources. The relevance of this data to the Indian Point 3 and FitzPatrick reactor vessels will be assessed for consideration in a reevaluation of RPV integrity pursuant to the requirements of 10 CFR 50.60, 10 CFR 50.61, and Appendices G and H to 10 CFR 50. The source databases the Authority will evaluate are:

- EPRI - Prep3 Database of Surveillance Capsule Data for All US PWRs and BWRs,
- ABB/CE Reactor Vessel Owners Group - Records Evaluation Program for the Indian Point 3 Reactor Pressure Vessel Plates, Forgings, Welds and Cladding, MISC-PENG-ER-010,
- WOG - RPV DATA Materials Database Program (ATI Consulting),
- NRC - Reactor Vessel Integrity Database (RVID),
- BWRVIP - BWR Vessel & Internals Project, and
- BWROG - Supplemental Surveillance Program.

In addition, the Authority may contact other plants with similar reactor vessel material for available data.

## References

1. NRC Generic Letter 92-01, Rev. 1, Supplement 1, "Reactor Vessel Structural Integrity," dated May 19, 1995.
2. NYPA letter, W. A. Josiger to NRC (IPN-94-076), "Generic Letter 92-01, Revision 1: Reactor Vessel Structural Integrity (TAC M83473)," dated June 27, 1994.
3. BWR Owners Group Topical Report, "10CFR50 Appendix G Equivalent Margin Analysis For Low Upper Shelf Energy In BWR/2 Through BWR/6 Vessels," Revision 1, dated February 1994.
4. GE Report, "Implementation of Regulatory Guide 1.99, Revision 2," dated June 1989.



ATTACHMENT 2 TO IPN-95-088/JPN-95-038

**COMMITMENT LIST**

NEW YORK POWER AUTHORITY

INDIAN POINT 3 NUCLEAR POWER PLANT

DOCKET NO. 50-286

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DOCKET NO. 50-333

Attachment 2 to IPN-95-088 / JPN-95-038

Commitment Summary

Commitment No.	Commitment	Due Date
IPN-95-088-01	Submit a response to Parts (2), (3), and (4) of Generic Letter 92-01, Rev. 1, Supplement 1, for the Indian Point 3 RPV.	November 19, 1995
IPN-95-088-02	Submit an analysis for the Intermediate Shell Axial Welds (2-042 A, B, C) and the Lower Shell Axial Welds (3-042 A, B, C) for the Indian Point 3 RPV.	November 19, 1995
JPN-95-038-01	Submit a response to Parts (2), (3), and (4) of Generic Letter 92-01, Rev. 1, Supplement 1, for the FitzPatrick RPV.	November 19, 1995