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November 13, 2001
IPN-01-079
NL-01-133

U. S. Nuclear Regulatory Commission
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SUBJECT: Indian Point 2 Nuclear Power Plant
Docket No. 50-247
Indian Point 3 Nuclear Power Plant
Docket No. 50-286
**Revised Vessel Head Penetration Inspection Plans
NRC Bulletin 2001-01, "Circumferential Cracking of
Reactor Pressure Vessel Head Penetration Nozzles"**

- References:
1. NRC Bulletin 2001-01, "Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles," dated August 3, 2001.
 2. ENO letter, M. Kansler to USNRC dated August 31, 2001 (IPN-01-063) regarding thirty-day response to NRC Bulletin 2001-01.
 3. ENO letter, M. Kansler to USNRC dated September 24, 2001 (NL-01-113) regarding supplemental thirty-day response to NRC Bulletin 2001-01.
 4. Consolidated Edison letter, dated September 4, 2001 (NL-01-106) regarding thirty-day response to NRC Bulletin 2001-01
 5. NRC letter, P. Milano to M. Kansler, dated October 18, 2001 regarding telephone conference summary re: responses to Bulletin 2001-01, (TAC Nos. MB2634 and MB2635)

Dear Sir:

Attached is Entergy Nuclear Operations' Inc. (ENO) amended response to Request 4(a) of NRC Bulletin 2001-01 (Reference 1) for the Indian Point 2 and 3 Nuclear Power Plants. This response supercedes and replaces earlier responses regarding alloy 600 vessel head

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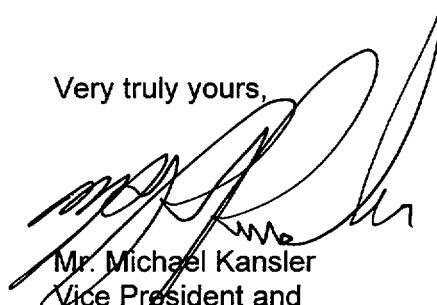
penetration inspections (References 2, 3 and 4).

As the result of recent discussions with the NRC staff (Reference 5), ENO has amended its plans and will conduct effective inspections of the Indian Point 2 and 3 reactor vessel alloy 600 head penetrations (VHPs) at each unit's next scheduled refueling outage. Essentially 100 percent of the alloy 600 VHPs at both plants will be inspected. Reports outlining the details of these inspections will be submitted to the NRC staff 90 days before the start of each outage.

Attachment 2 summarizes ENO's commitments. If you have any questions, please contact Mr. John Donnelly (IP3) at 914-736-8310 or Mr. John McCann (IP2) at 914-734-5074.

I declare under penalty of perjury that the foregoing is true and correct.

Very truly yours,



Mr. Michael Kansler
Vice President and
Chief Operating Officer

Executed on 11/13/01
(Date)

cc: Next page.

Attachments:

1. Amended Response to Request 4(a) of NRC Bulletin 2001-01, "Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles," for Indian Point 2 and 3.
2. Summary of Commitments

cc: Regional Administrator, Region I
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**Amended Response to Request 4(a) of NRC Bulletin 2001-01
"Circumferential Cracking of Reactor
Pressure Vessel Head Penetration Nozzles"**

Entergy Nuclear Operations, Inc.
Indian Point 2 and 3 Nuclear Power Plants
Docket Nos. 50-247 and 50-286

INTRODUCTION

This attachment is Entergy Nuclear Operations' Inc. (ENO) amended response to Request 4 (a) of NRC Bulletin 2001-01, "Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles" (Reference 1) for the Indian Point 2 and 3 Nuclear Power Plants. This response supercedes and replaces earlier responses for request 4a regarding vessel head penetration inspections (References 2, 3 and 4).

As the result of recent discussions with the NRC staff (Reference 5), ENO has amended its plans and will conduct effective inspections of the Indian Point 2 and 3 reactor vessel head penetrations (VHPs) at each unit's next scheduled refueling outage.

REQUEST 4 - MODERATE SUSCEPTIBILITY INFORMATION REQUEST

4. *If the susceptibility ranking for your plant is greater than 5 EFPY and less than 30 EFPY of ONS3, addressees are requested to provide the following information:*
 - a. *your plans for future inspections (type, scope, qualification requirements, and acceptance criteria) and the schedule;*

RESPONSE 4a

ENO will conduct an effective examination of essentially 100% of the Indian Point 2 and 3 reactor vessel head alloy 600 penetrations (VHPs) during each unit's next scheduled refueling outage. (The phrase "essentially 100%" means that essentially 360 degrees around 100% of the VHPs will be examined.) The next refueling outage for Indian Point 2 is currently scheduled for the fall of 2002; Indian Point 3's next refueling outage is scheduled for spring 2003.

ENO will submit written reports to the NRC staff 90 days before the start of each unit's refueling outage with additional details regarding the type of inspection(s), applicable qualification requirements and acceptance criteria.

ENO has not completed detailed evaluations of the resources, accessibility, equipment or schedule necessary to conduct these inspections. Inspection methods will be determined based on VHP accessibility, equipment availability, capability and qualification prior to each respective refueling outage. Current plans are based on available information and may be revised to reflect new information. Final plans will be included in the 90-day reports.

REFERENCES

1. NRC Bulletin 2001-01, "Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles," dated August 3, 2001.
2. ENO letter, M. Kansler to USNRC dated August 31, 2001 (IPN-01-063) regarding thirty-day response to NRC Bulletin 2001-01.
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4. Consolidated Edison letter, dated September 4, 2001 (NL-01-106) regarding thirty-day response to NRC Bulletin 2001-01
5. NRC letter, P. Milano to M. Kansler, dated October 18, 2001 regarding telephone conference summary re: responses to Bulletin 2001-01, (TAC Nos. MB2634 and MB2635).

Attachment II to IPN-01-079/NL-01-DRAFT

Summary of Commitments

Commitment ID	Description	Due Date
NL-01-133-01	ENO will conduct an effective examination of essentially 100% of the Indian Point 2 reactor vessel head penetrations (VHPs) during the next scheduled refueling outage.	Fall 2002
IPN-01-079-01	ENO will conduct an effective examination of essentially 100% of the Indian Point 3 reactor vessel head penetrations (VHPs) during the next scheduled refueling outage.	Spring 2003
NL-01-133-02	ENO will submit a written report to the NRC staff with additional details regarding the type of inspection(s), applicable qualification requirements and acceptance criteria (Indian Point 2).	90 days before the start of the fall 2002 refueling outage
IPN-01-079-02	ENO will submit a written report to the NRC staff with additional details regarding the type of inspection(s), applicable qualification requirements and acceptance criteria (Indian Point 3)	90 days before the start of the spring 2003 refueling outage