Stephen B. Bram
Vice President

Consolidated Edison Company of New York, Inc.
Indian Point Station
Broadway & Bleakley Avenue
Buchanan, NY 10511
Telephone (914) 737-8116

June 15, 1989

Re: Indian Point Unit No. 2
Docket No. 50-247

Document Control Desk
US Nuclear Regulatory Commission
Mail Station P1-137
Washington, DC 20555

SUBJECT: NRC Bulletin No. 88-08 entitled "Thermal Stresses in Piping Connected to Reactor Coolant Systems (RCS)"; Completion of Action Items 2 & 3

This letter serves to fulfill the reporting requirement for Action Items 2 & 3 of the subject Bulletin dated June 22, 1988. As requested by the Bulletin and as committed to by us in a letter dated October 4, 1988, Action Items 2 & 3 were successfully completed during the refueling outage that began on March 17, 1989.

In the October 4, 1988 letter we reported that our review of systems connected to the RCS, per Action Item 1 of the Bulletin, identified only the Auxiliary Spray Line as having a section that may be susceptible to temperature stratification or temperature oscillations. Accordingly, the locations identified for inspection in Attachment A of the October 4, 1988 letter were nondestructively examined per Action Item 2. The results showed no indications.

Action Item 3 required planning and implementation of a program to provide continuing assurance that unisolable sections of all piping connected to the RCS will not be subjected to combined cyclic and static thermal and other stresses that could cause fatigue failure during the remaining life of the unit. Three alternate methodologies are suggested by the Bulletin for this action. We elected the methodology which proposed instrumenting the affected piping to detect adverse temperature distribution. Therefore, resistance temperature detectors (RTD's) have been installed at key locations of the affected Auxiliary Spray Line section. The detector locations were selected based on maximum potential Delta-T during normal operation. Temperature is being recorded at a pre-determined rate, and sampling frequency would be increased relative to temperature deviation from the expected range at that location. Should an abnormal temperature transient occur, the data will be evaluated and appropriate action will be taken to assure plant safety.

The results of the nondestructive examination and the details of temperature monitoring program are available for review at the site.

changed per 6/27/89 telcon w/Jim McKnight ~10:40 am

IE16 ~~IE18~~

8906270203 890615
PDR ADOCK 05000247
Q PNU

Our response is provided pursuant to the provisions of Section 182a, Atomic Energy Act of 1954, as amended. Should you or your staff have any questions, please contact Mr. Jude G. Del Percio, Manager, Regulatory Affairs.

Very truly yours,

Subscribed and sworn to
before me this 15th day
of June, 1989.

Karen L. Lancaster
Notary Public

KAREN L LANCASTER
Notary Public, State of New York
Qualified in Westchester County
Term expires

KAREN L LANCASTER
Notary Public, State of New York
No. 60-4643659
Qualified in Westchester County
Term expires 9/30/89

cc: Mr. William Russell
Regional Administrator - Region I
US Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406-1498

Mr. Donald S. Brinkman, Project Manager
Project Directorate I-1
Division of Reactor Projects I/II
US Nuclear Regulatory Commission
Mail Stop 14B-2
Washington, DC 20555

Senior Resident Inspector
US Nuclear Regulatory Commission
PO Box 38
Buchanan, NY 10511