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

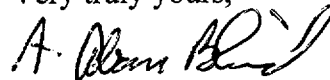
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US Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, DC 20555-0001

SUBJECT: Proposed Steam Generator Tube Examination Program – 2000 Refueling  
Outage

Pursuant to the requirements of Technical Specification 4.13.C.1, enclosed is the subject  
program for your review.

No new regulatory commitments are being made by Con Edison in this correspondence.  
Should there be any questions regarding this matter, please contact Mr. John McCann,  
Manager, Nuclear Safety & Licensing.

Very truly yours,



Attachment

C: Mr. Hubert J. Miller  
Regional Administrator-Region I  
US Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Mr. Jefferey F. Harold, Project Manager  
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ATTACHMENT

PROPOSED STEAM GENERATOR TUBE  
EXAMINATION PROGRAM  
2000 REFUELING OUTAGE

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.  
INDIAN POINT UNIT NO. 2  
DOCKET NO. 50-247  
FEBRUARY, 2000

## Indian Point 2

### Proposed Steam Generator Tube Examination Program

#### 2000 Refueling Outage

A combination Cecco-5/bobbin probe will be utilized for the majority of the eddy current testing. The Cecco-5/bobbin probe has been qualified to the EPRI PWR Steam Generator Examination Guidelines and its Appendix H. As part of the Cecco qualification program, a C-Scan or topographical presentation graphics package was developed and incorporated into the Cecco-5 data analysis guidelines. The C-Scan data presentation graphics will be an aid to the eddy current data analyst.

A 700 mil diameter probe will be used to perform the initial eddy current testing. Any tube that does not permit passage of the 700 mil diameter probe will be tested with progressively smaller qualified probes. The 610 mil bobbin probe will be used only for gauging. If the tube does not permit passage of the 610 bobbin probe it will be plugged. If the tube does permit passage of the 610 bobbin probe, it will be subjected to a 610 Rotating Pancake Coil (RPC) probe. If the RPC data shows the tube to be sound it will be left in service; otherwise it will be plugged.

The examination will be conducted from either the hot or cold leg side of the channel head. Any tubes requiring a full length inspection will be examined from the mouth of the tube through the tubesheet, around the U-bend, to the mouth of the tube on the opposite side. The examination program, as a minimum, will meet the requirements of NEI 97-06, "Steam Generator Program Guidelines." As specified in NEI 97-06, the inspection guidelines contained in the latest revision of the EPRI PWR Steam Generator Examination Guidelines should be followed. The tube sample selection criteria, as contained within Revision 5 of the EPRI guidelines, in addition to the requirements of Technical Specification 4.13, will be utilized.

Any locations with distorted bobbin coil signals will be resolved by the Cecco-5 coils. Should further characterization of the indication be required, an RPC technology probe will be utilized. The Cecco-5 will be used as the probe-of-record for plugging purposes with the exception of the narrow radii U bend region. The narrow radii U bend signals will be resolved with an RPC probe if passage of the Cecco-5/bobbin probe is precluded.