

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)
)
CONSOLIDATED EDISON COMPANY) Docket No. 50-247
OF NEW YORK, INC.)
(Indian Point Station,)
Unit No. 2))

APPLICATION FOR AMENDMENT TO
OPERATING LICENSE

Pursuant to Section 50.90 of the Regulations of the Nuclear Regulatory Commission, Consolidated Edison Company of New York, Inc. ("Consolidated Edison"), as holder of Facility Operating License No. DPR-26, hereby applies for an amendment to the Indian Point Unit No. 2 Technical Specifications contained in Appendix A to that license. Specifically, Consolidated Edison requests revisions to Table 4.1-3 to permit waiving the turbine stop and control valve closure test during end-of-cycle operation when the reactor coolant boron concentration is equal to or less than 150 ppm due to operational limitations.

The proposed Technical Specification changes consist of the specific revisions set forth in Attachment A to this Application. A Safety Evaluation of the proposed changes is set forth in Attachment B to this Application. This evaluation demonstrates

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that proposed changes do not represent a significant hazards consideration and will not cause any change in the types or increase in the amounts of effluents or any change in authorized power level of the facility.

CONSOLIDATED EDISON COMPANY
OF NEW YORK, INC.

By: 
Peter Zarakas
Vice President

Subscribed and sworn
to before me this 4th
day of June, 1979.


Notary Public
ANGELA ROBERTI
Notary Public, State of New York
No. 41-8593813
Qualified in Queens County
Commission Expires March 30, 1980

ATTACHMENT A

Technical Specification
Page Revisions

Consolidated Edison Company of New York, Inc.
Indian Point Unit No. 2
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June, 1979

TABLE 4.1-3

FREQUENCIES FOR EQUIPMENT TESTS

	<u>Check</u>	<u>Frequency</u>	<u>Maximum Time Between Tests</u>
1. Control Rods	Rod drop times of all control rods	Each refueling shutdown	**
2. Control Rods	Partial movement of all control rods	Every 2 weeks during reactor critical operations	20 days
3. Pressurizer Safety Valves	Set point	Each refueling shutdown	**
4. Main Steam Safety Valves	Set point	Each refueling shutdown	**
5. Containment Isolation System	Automatic Actuation	Each refueling shutdown	**
6. Refueling System Interlocks	Functioning	Each refueling shutdown prior to refueling operation	NA*
7. Primary System Leakage	Evaluate	5 days/week	NA*
8. Diesel Fuel Supply	Fuel Inventory	Weekly	10 days
9. Turbine Steam Stop, Control Valves	Closure	Monthly****	45 days****
10. Cable Tunnel Ventilation Fans	Functioning	Monthly	45 days
11. Control Room and Fuel Handling Building Filtration System	Charcoal Filter Pressure Drop Test < 5 inches of water visual inspection Freon - 112 (or equivalent) test ≥ 99.5% at ambient conditions	Each refueling shutdown prior to refueling operation***	**

TABLE 4.1-3 (CONTINUED)

FREQUENCIES FOR EQUIPMENT TESTS

	<u>Check</u>	<u>Frequency</u>	<u>Maximum Time Between Tests</u>
12. Containment Air Fil- tration Systems	Visual Inspection	Each refuel- ing***	**
	Pressure Drop Test < 5 inches of water	Each refuel- ing***	**
	Charcoal coupons: iodine and ignition temperature 50% re- moval for methyl iodine, no ignition below 300° C.	Each refueling	**
	HEPA filters DOP ≥ 99% efficiency	Each refuel- ing***	**

*NA - Not Applicable

**See Specification 1.9.

***Or at anytime work on the filters could alter their integrity

****This test may be waived during end-of-cycle operation when reactor coolant boron concentration is equal to or less than 150 ppm, due to operational limitations.

ATTACHMENT B

Safety Evaluation

Consolidated Edison Company of New York, Inc.
Indian Point Unit No. 2
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Safety Evaluation

The proposed changes, contained in Attachment A to this Application, would waive the requirement for the monthly turbine stop and control valve closure test during end-of-cycle (EOC) operation when the reactor coolant system boron concentration is equal to or less than 150 ppm.

To perform this test, the unit power level must be reduced to approximately 35% to prevent plant trip during the valve exercising. The reduction in power is accomplished by use of control rods and by reactor coolant system boration to maintain technical specification limitations on axial flux difference. Subsequent to the test, the reactor coolant system is diluted as the plant is restored to 100% power. At EOC conditions when the boron concentration is relatively low, the amount of boration and subsequent dilution to maintain axial flux difference is substantial and time consuming. Considering the capabilities of the liquid radwaste processing system, the boron dilution following the test at EOC would generate a considerable amount of liquid radwaste and would result in an excessive amount of time to return the unit to 100% power.

Since the required boron concentration decreases an average of 80 ppm per effective full power month, the proposed limit of 150 ppm would permit no more than one monthly test to be waived at EOC. Furthermore, a review of operational and surveillance data for the turbine stop and control valves indicates that these valves have always operated properly on demand. Therefore, considering the high reliability of these valves demonstrated during the last six years and the fact that no more than one monthly test will be waived, the proposed technical specification changes will not adversely affect plant safety or reliability.

The proposed changes do not in any way alter the safety analyses performed for Indian Point Unit No. 2. The proposed changes have been reviewed by the Station Nuclear Safety Committee and the Consolidated Edison Nuclear Facilities Safety Committee. Both committees concur that these changes do not represent a significant hazards consideration and will not cause any change in the types or increase in the amounts of effluents or any change in the authorized power level of the facility.