

August 11, 2000

Mr. A. Alan Blind
Vice President, Nuclear Power
Consolidated Edison Company
of New York, Inc.
Broadway and Bleakley Avenue
Buchanan, NY 10511

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING GENERIC
LETTER 99-02, INDIAN POINT NUCLEAR GENERATING UNIT NO. 2
(TAC NO. MA7375)

Dear Mr. Blind:

On June 3, 1999, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 99-02, "Laboratory Testing of Nuclear-Grade Activated Charcoal." In GL 99-02, the NRC, alerted licensees that testing nuclear-grade activated charcoal to standards other than American Society for Testing and Materials (ASTM) D3803-1989 does not provide assurance for complying with the current licensing basis as it related to the dose limits of General Design Criterion 19 of 10 CFR Part 50, Appendix A, and Subpart A of 10 CFR Part 100. The NRC also requested that licensees determine whether their Technical Specifications reference ASTM D3803-1989, and if the TS do not reference ASTM D3803-1989, either amend the TS to reference ASTM D3803-1989 or propose an alternative test protocol. In a letter dated November 22, 1999, Consolidated Edison Company of New York, Inc. (ConEd) provided information in response to the requested actions in the GL and proposed changes to the TS.

The NRC staff has reviewed the information provided by ConEd and has determined that additional information is needed to complete its review. The specific information requested by the staff is addressed in the enclosed request for additional information. In a telephone conversation with representatives of your staff, the NRC discussed this information and obtained agreement that ConEd would provide the additional information requested within 30 days from the date of this letter.

Sincerely,

/RA/

Patrick D. Milano, Senior Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-247

Enclosure: Request for Additional Information

cc w/encl: See next page

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REQUEST FOR ADDITIONAL INFORMATION

REGARDING THE RESPONSE TO GENERIC LETTER 99-02

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

INDIAN POINT NUCLEAR GENERATING UNIT NO. 2

1. As requested in Generic Letter (GL) 99-02, provide the following information for: (1) the containment air filtration system (CAFS), (2) the control room air filtration system (CRAFS), (3) the fuel storage building air filtration system (FSBAFS), and (4) the post-accident containment ventilation system (PACVS):
 - a. Bed size (i.e., thickness)
 - b. Actual face velocity*
 - c. Actual residence time*
 - d. Current TS Requirements:
 - (1) Test penetration of MI
 - (2) Safety factor
 - (3) Test standard
 - (4) Test temperature
 - (5) Test relative humidity

* Describe the method used to calculate the actual face velocity and residence time.

Note: The actual system face velocities can be calculated by dividing the maximum system flow rates specified in the technical specification (TS) (nominal +10% upper value) by the total exposed surface area of the charcoal filter media. Per GL 99-02, if this value is >110% of 40 ft/min, then the TS should be revised to specify that value as the test face velocity. The guidance on calculation of the residence times in ANSI N510-1975, Section 8.3.3, and in ASME AG-1-1997, Division II, Sections FD and FE, Articles I-1000, can be used to calculate the actual system face velocities.

2. In TS Amendment No. 211 dated July 27, 2000, only the CRAFS charcoal filters are credited in the design-basis accident analysis. Also, the fuel handling accident analysis was calculated without FSBAFS or CRAFS filtration. The PACVS filtration was not credited. Since the charcoal filters in the FSBAFS and PACVS are not credited in the accident analysis, are any changes to the applicable filter testing requirements in the TS planned? In Amendment No. 211, the CAFS filter testing requirements were removed from the TS. Discuss any further changes needed to TS Section 4.5.E and TS Bases page 4.5-10.
3. In your November 22, 1999, letter, you stated that the charcoal in the ventilation systems required by TS will be tested prior to completion of the calendar year 2000 refueling outage. Provide the current status of this scheduled testing and test standard used.

Enclosure