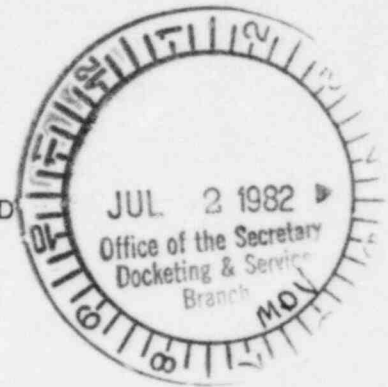


UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION
ATOMIC SAFETY AND LICENSING BOARD

Before Administrative Judges:

Louis J. Carter, Chairman
Frederick J. Shon
Dr. Oscar H. Paris



In the Matter of

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
(Indian Point, Unit No. 2)

POWER AUTHORITY OF THE STATE OF NEW YORK
(Indian Point, Unit No. 3)

Docket Nos.
50-247 SP
50-286 SP

June 30, 1982

LICENSEES' SUPPLEMENTAL RESPONSES TO
NRC STAFF FIRST SET OF INTERROGATORIES
CONCERNING QUESTIONS 1 AND 2

Pursuant to 10 C.F.R. § 2.740b, the Consolidated Edison Company of New York, Inc. and the Power Authority of the State of New York, licensees, hereby submit supplemental responses to the Nuclear Regulatory Commission (Commission) Staff's first set of interrogatories concerning Commission Questions 1 and 2 by providing the following list of documents used as the bases for the licensees' initial responses.

Staff Interrogatory No. 1:

Letter from J. P. Bayne and John D. O'Toole to Harold R. Denton (Mar. 5, 1982).

Staff Interrogatory No. 2:

See Supplemental Response to Staff Interrogatory No. 1.

Staff Interrogatory No. 3:

None.

Staff Interrogatory No. 4:

None.

Staff Interrogatory No. 5:

None.

Staff Interrogatory No. 6:

None.

Staff Interrogatory No. 7:

L. D. Buxton and W. B. Benedick, "Steam Explosion Efficiency Studies," NUREG/CR-0947, SAND 79-1399, November 1979.

Staff Interrogatory No. 8:

None.

Staff Interrogatory No. 9:

None.

Staff Interrogatory No. 10:

Westinghouse Instruction and Operating Manual, Reactor Containment Fan Cooler Assembly, Cooling Coil Assembly and Motor Assembly for Indian Point Nuclear Plant, Unit 2, September 1969; Westinghouse Instruction and Operating Manual, Reactor Containment Fan Cooler, Fan Assembly, Motor Assembly and Accessories for Indian Point Nuclear Plant, Unit 3, April 1982; N.J. Liparulo, J.E. Olhoeft and D.F. Paddleford, Glow Plug Ignitor Tests in H₂ Mixtures, Westinghouse Electric Corporation, WCAP-5909, March 6, 1981; R.C. Torok, "Equipment Survivability Scoping Tests - Hydrogen Control Studies Program," Paper Presented at Hydrogen Review Meeting in Dallas, Texas, February 3-4, 1982.

Staff Interrogatory No. 11:

- a) None.
- b) None.
- c) Docket Nos. 50-369, 50-370, Duke Power Company, An Analysis of Hydrogen Control Measures at McGuire Nuclear Station, Vol. 3, Rev. 3, March 11, 1982; Tennessee Valley Authority, Sequoyah Nuclear Plant, Core Degradation Program, Vol. 2, Report on the Safety Evaluation of the Interim Distributed Ignition System, December 15, 1980.

Staff Interrogatory No. 12:

See Supplemental Response to Staff Interrogatory No. 10.

"Preliminary Assessment of Core Melt Accidents at the Zion and Indian Point Nuclear Power Plants and Strategies for Mitigating Their Effects," Preliminary Vol. 1, NUREG-0850, November 1981; "Technical Bases for Estimating Fission Product Behavior During LWR Accidents," NUREG-0772, March 1981.

Staff Interrogatory No. 13:

None.

Staff Interrogatory No. 14:

WASH-1400, "Reactor Safety Study, An Assessment of Accident Risks in U.S. Commercial Nuclear Power Plants," October 1975 (Appendix VI).

Staff Interrogatory No. 15:

None.

Staff Interrogatory No. 16:

D. Aldrich et al., "A Model of Public Evacuation for Atmospheric Radiological Releases," SAND 78-0092, June 1978.

Staff Interrogatory No. 17:

- a) D.C. Aldrich, D.M. Ericson, Jr. and J.D. Johnson, "Public Protection Strategies for Potential Nuclear Reactor Accidents: Sheltering Concepts with Existing Public and Private Structures," SAND 77-1725, February 1978.
- b) See Supplemental Response to Staff Interrogatory No. 17 (a).
- c) A.F. Cohen and B.L. Cohen, "Infiltration of Particulate Matter into Buildings," NUREG/CR-1151, November 1979; D.C. Aldrich and D.M. Ericson, Jr., "Public Protection Strategies in the Event of a Nuclear Reactor Accident: Multicompart-ment Ventilation Model for Shelters," SAND 77-1555, January 1978.

Staff Interrogatory No. 18:

See Supplemental Response to Staff Interrogatory No. 14.

Staff Interrogatory No. 19:

See Supplemental Response to Staff Interrogatory No. 14.

Contention 2.2(b)

Staff Interrogatory No. 1:

None.

Staff Interrogatory No. 2:

None.

Staff Interrogatory No. 3:

None.

Staff Interrogatory No. 4:

None.

Staff Interrogatory No. 5:

None.

Staff Interrogatory No. 6:

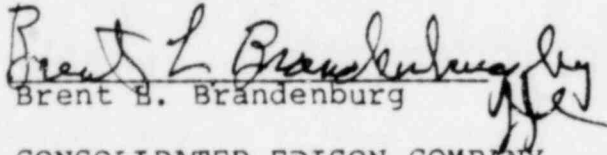
WCAP-10019, "Summary Report on Reactor Vessel Integrity for Westinghouse Operating Plants" Transmitted by Letter OG-66, O. D. Kingsley to H. Denton (NRC) (Dec. 30, 1981); "Summary of Evaluations Related to Reactor Vessel Integrity" Transmitted by Letter OG-70, O. D. Kingsley to H. Denton (NRC) (May 28, 1982).

Staff Interrogatory No. 7:

None.

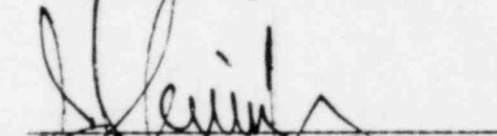
Staff Interrogatory No. 8:

None.


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Dated: June 30, 1982

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

ATOMIC SAFETY AND LICENSING BOARD

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CERTIFICATE OF SERVICE

I hereby certify that on the 30th day of June, 1982, I caused a copy of the Licensees' Supplemental Responses to NRC Staff First Set of Interrogatories Concerning Questions 1 and 2 to be served by first-class mail, postage prepaid on the following:

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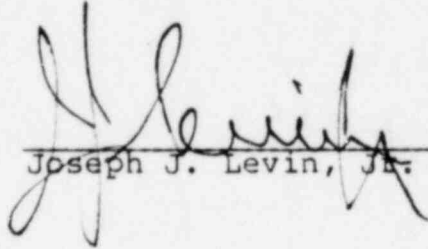
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