

Stephen B. Bram
Vice President

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

May 31, 1991

Re: Indian Point Unit No. 1
and No. 2
Docket No. 50-003
and No. 50-247

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

SUBJECT: Indian Point Unit No. 1 Tank Survey

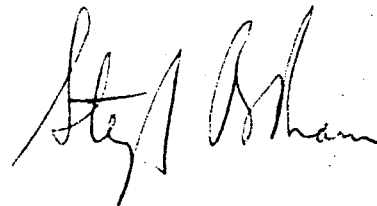
REFERENCE: Inspection Report No. 50-247/90-24

In our supplemental response to Inspection Report No. 50-247/90-24 dated March 29, 1991, we committed to obtaining representative samples and performing chemical and radiological analyses of any Unit #1 tanks which were found to contain spent resins or waste water. The scope of work which included 64 vessels, has now been completed. Attachment 1 is a listing of all vessels examined and the results of our analyses, which is submitted pursuant to your April 22, 1991 response to our letter.

In summary, 39 out of the 64 vessels examined are empty. Of the 25 found to contain materials, none contained a mixture that was judged to be detrimental to the integrity of the containers based on our measurements of pH, boron and conductivity level. It should be noted that all of the vessels sampled are constructed of corrosion resistant 304L stainless steel and have continued to maintain their integrity since unit start-up in 1962.

Should you or your staff have any questions regarding this matter, please contact Mr. Charles W. Jackson, Manager, Nuclear Safety and Licensing.

Very truly yours,



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PDR. ADUCK 05000247
PDR

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Attachment

cc: Mr. Thomas T. Martin
Regional Administrator - Region I
US Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. Francis J. Williams, Jr., Project Manager
Project Directorate I-1
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US Nuclear Regulatory Commission
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Senior Resident Inspector
US Nuclear Regulatory Commission
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ATTACHMENT

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
INDIAN POINT UNIT NO. 2
DOCKET NO. 50-247
MAY, 1991

UNIT 1 TANK REPORT (05\30\91)

<u>COMPONENT</u>	<u>EMPTY</u>	<u>ISOTOPIIC (uci\cc)</u>	<u>pH</u>	<u>BORON</u>	<u>COND.</u>
BLOWDOWN STORAGE TANK #11	Y	NONE	NONE	NONE	NONE
BLOWDOWN STORAGE TANK #12	Y	NONE	NONE	NONE	NONE
BORON STORAGE TANK #11	Y	NONE	NONE	NONE	NONE
BORON STORAGE TANK #12	Y	NONE	NONE	NONE	NONE
CLEAN WATER STORAGE TANK #11	Y	NONE	NONE	NONE	NONE
CLEAN WATER STORAGE TANK #12	Y	NONE	NONE	NONE	NONE
CLEAN WATER STORAGE TANK #13	Y	NONE	NONE	NONE	NONE
COMPONENT DRAIN TANK	Y	NONE	NONE	NONE	NONE
DECAY HEAT COOLER #11	Y	NONE	NONE	NONE	NONE
DECAY HEAT COOLER #12	Y	CLEAN	NONE	NONE	NONE
DETERGENT MAKEUP TANK	N	3.09E-5	5.5	50	2870
EMERGENCY PRIMARY BLOWDOWN COOLER	Y	CLEAN	NONE	NONE	NONE
EXCESS MAKEUP COOLER #CT-C1	Y	NONE	NONE	NONE	NONE
EXCESS MAKEUP COOLER #CT-C2	Y	NONE	NONE	NONE	NONE
FISSION GAS SURGE TANK #10	Y	NONE	NONE	NONE	NONE
HYDROGEN DRAIN TANK	Y	NONE	NONE	NONE	NONE
ION EXCHANGER #11(ANION)	N	1.06E-2	7.2	300	20
ION EXCHANGER #11(CATION)	Y	NONE	NONE	NONE	NONE
ION EXCHANGER #12(ANION)	N	1.25E-3	8.3	85	45
ION EXCHANGER #12(CATION)	Y	NONE	NONE	NONE	NONE
ION EXCHANGER #13(CATION)	Y	NONE	NONE	NONE	NONE
ION EXCHANGER #13(MIXED BED)	Y	NONE	NONE	NONE	NONE
ION EXCHANGER 11(MIXED BED)	N	4.29E-3	7.1	35	3.4
ION EXCHANGER 12(MIXEDBED)	N	3.28E-5	5.4	130	2.7
NEUTRON SHIELD TANK	Y	NONE	NONE	NONE	NONE
PRESSURIZER	N	1.04E-4	6.8	4	6600
PRIMARY BLOWDOWN COOLER #11	Y	NONE	NONE	NONE	NONE
PRIMARY BLOWDOWN COOLER #12	Y	NONE	NONE	NONE	NONE
PRIMARY RELIEF TANK	N	3.77E-3	7.1	145	34
PURIFICATION INLET COOLER #11	N	1.31E-2	7.4	220	48
PURIFICATION INLET COOLER #12	N	1.44E-2	5.5	350	2870
PURIFICATION STRIPPER	Y	NONE	NONE	NONE	NONE
RESIN SLUICE TANK	Y	NONE	NONE	NONE	NONE
RINSE WATER HOLDUP TANK	N	3.75E-3	6.8	690	155
SAMPLE RETURN TANK (CSB)	Y	NONE	NONE	NONE	NONE
SAMPLE RETURN TANK (NSB)	Y	NONE	NONE	NONE	NONE
SEAL WATER DRAIN TANK	N	4.71E-2	7.0	1860	270
SHIELD WATER EXPANSION TANK	Y	NONE	NONE	NONE	NONE
SLUDGE STORAGE TANK #11	N	2.45E-5	8.1	800	6600
SLUDGE STORAGE TANK #12	Y	NONE	NONE	NONE	NONE
SPENT FUEL MIXED BED #11	N	3.61E-2	6.8	2600	304
SPENT FUEL MIXED BED #12	N	1.21E-2	6.5	2100	119
SPENT RESIN STORAGE TANK #11	N	3.44E-2	7.11	195	54.8
SPENT RESIN STORAGE TANK #12	N	5.20E-3	7.24	260	23.5
SPENT RESIN STORAGE TANK #13	N	8.35E-3	6.6	405	14.2
SPENT RESIN STORAGE TANK #14	N	3.08E-2	7.17	250	70.0
STEAM GENERATOR #11	N	CLEAN	7.0	9	NONE
STEAM GENERATOR #12	N	1.04E-4	6.8	4	6600
STEAM GENERATOR #13	N	3.72E-6	9.5	<1	83
STEAM GENERATOR #14	Y	NONE	NONE	NONE	NONE
SWEEP GAS SURGE TANK #11	Y	NONE	NONE	NONE	NONE
SWEEP GAS SURGE TANK #12	Y	NONE	NONE	NONE	NONE

UNIT 1 TANK REPORT (05\30\91)

<u>COMPONENT</u>	<u>EMPTY</u>	<u>ISOTOPIC (uci/cc)</u>	<u>pH</u>	<u>BORON</u>	<u>COND.</u>
WASTE DEMINERALIZER	N	1.65E-3	8.3	515	316
WASTE DISTILLATE STORAGE TANK #11	Y	NONE	NONE	NONE	NONE
WASTE DISTILLATE STORAGE TANK #12	Y	NONE	NONE	NONE	NONE
WASTE EVAP. #10	N	2.16E-4	9.2	5ppm	26
WASTE EVAP. VENT. COOLER #12	N	2.16E-4	9.2	5ppm	26
WASTE EVAP. VENT COOLER #11	N	2.16E-4	9.2	5ppm	26
WASTE GAS HOLDUP RELIEF TANK	Y	NONE	NONE	NONE	NONE
WASTE GAS HOLDUP TANK #CT-T31	Y	NONE	NONE	NONE	NONE
WASTE GAS HOLDUP TANK #CT-T32	Y	NONE	NONE	NONE	NONE
WASTE GAS HOLDUP TANK #CT-T33	Y	NONE	NONE	NONE	NONE
WASTE GAS HOLDUP TANK #CT-T34	Y	NONE	NONE	NONE	NONE
WASTE GAS STRIPPER	Y	NONE	NONE	NONE	NONE

Note: The March 29, 1991 submittal to the NRC stated that there were 67 vessels. This total included 3 redundant entries (two evaporators and the detergent make-up tank #10)