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Docket No. 50-247

Mr. William J. Cahill, Jr.  
 Vice President  
 Consolidated Edison Company  
 of New York, Inc.  
 4 Irving Place  
 New York, New York 10003

Gentlemen:

The Commission has issued the enclosed Amendment No. <sup>55</sup> to Facility Operating License No. DPR-26 for the Indian Point Nuclear Generating Unit No. 2. This amendment consists of changes to the Technical Specifications in response to your application transmitted by letter dated February 9, 1979.

The amendment reduces the number of hydraulic snubbers required by the Technical Specifications, reflecting redesign of the support systems of certain safety-related pipe lines.

Copies of the Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

A. Schwencer, Chief  
 Operating Reactors Branch #1  
 Division of Operating Reactors

Enclosures:

1. Amendment No. <sup>55</sup> to DPR-26
2. Safety Evaluation
3. Notice of Issuance

cc w/enclosures:  
 See next page

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

June 12, 1979

Docket No. 50-247

Mr. William J. Cahill, Jr.  
Vice President  
Consolidated Edison Company  
of New York, Inc.  
4 Irving Place  
New York, New York 10003

Gentlemen:

The Commission has issued the enclosed Amendment No. 55 to Facility Operating License No. DPR-26 for the Indian Point Nuclear Generating Unit No. 2. This amendment consists of changes to the Technical Specifications in response to your application transmitted by letter dated February 9, 1979.

The amendment reduces the number of hydraulic snubbers required by the Technical Specifications, reflecting redesign of the support systems of certain safety-related pipe lines.

Copies of the Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

A handwritten signature in cursive script, appearing to read "A. Schwencer".

A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

Enclosures:

1. Amendment No. 55 to DPR-26
2. Safety Evaluation
3. Notice of Issuance

cc w/enclosures:  
See next page

Mr. William J. Cahill, Jr.  
Consolidated Edison Company of New York, Inc.

-2-

June 12, 1979

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New York, New York 10007



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

DOCKET NO. 50-247

INDIAN POINT NUCLEAR GENERATING UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 55  
License No. DPR-26

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Consolidated Edison Company of New York, Inc. (the licensee) dated February 9, 1979 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-26 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 55, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: June 12, 1979

ATTACHMENT TO LICENSE AMENDMENT NO. 55

FACILITY OPERATING LICENSE NO. DPR-26

DOCKET NO. 50-247

Revised Appendix A as follows:

Remove Pages  
Table 3.12-1 (all 18 sheets)

Insert Pages  
Table 3.12-1 (all 18 sheets)

TABLE 3.12 - 1 (SHEET 1 OF 18)

Safety Related Shock Suppressors (Snubbers)

<u>Line No.</u>	<u>Snubber No.</u>	<u>Location (Approx.)</u>	<u>Category</u>
1	MSR-2V	VC EL 101'-0"	3
1	SR-M4	AFB EL 62'-10"	4
1	SR-M5A	AFB EL 62'-10"	4
1	SR-M5B	AFB EL 62'-10"	4
2	SR-M2	AFB EL 75'-6"	4
2	SR-M3A	AFB EL 75'-6"	4
2	SR-M3B	AFB EL 75'-6"	4
2	SR-M1	AFB EL 75'-6"	4
2	SR-M50	AFB EL 75'-6"	4
2	SR-M51	AFB EL 75'-6"	4
3	MSR-1V	VC EL 101'-0"	3
3	SR-M6	AFB EL 75'-6"	4
3	SR-M7	AFB EL 75'-6"	4
3	SR-M8A (two)	AFB EL 75'-6"	4
3	SR-M8B	AFB EL 75'-6"	4
3	SR-M53	AFB EL 75'-6"	4
4	SR-M9	AFB EL 62'-10"	4
4	SR-M10A	AFB EL 62'-10"	4
4	SR-M10B	AFB EL 62'-10"	4
4	SR-M55	AFB EL 62'-10"	4
4	SR-M56	AFB EL 62'-10"	4
5	SR-B-3	AFB EL 39'-6"	4
5	SR-B-4	AFB EL 39'-6"	4
5	SR-B-9	AFB EL 35'-0"	4
6	BF-SR-9	VC EL 59'-6"	3
6	SR-B1	AFB EL 41'-0"	4

TABLE 3.12 - 1 (SHEET 2 OF 18)

Safety Related Shock Suppressors (Snubbers)

Line No.	Snubber No.	Location (Approx.)	Category
6	SR-B2	AFB EL 40'-0"	4
7	SR-B7	AFB EL 40'-7"	4
7	SR-B8	AFB EL 41'-0"	4
8	SR-B5	AFB EL 39'-6"	4
8	SR-B6	AFB EL 39'-6"	4
8	SR-B10	AFB EL 35'-0"	4
9	9-SR-1	VC EL 59'-6"	3
9	SR-55	PAB EL 27'-0"	4
9	SR-56**	PAB EL 45'-0"	4
9	SR-57**	PAB EL 47'-0"	4
9	SR-58**	PAB EL 52'-6"	4
9	SR-59**	PAB EL 52'-6"	4
9	SR-801	VC EL 56'-0"	3
9	SR-802	VC EL 54'-7"	3
9	SR-803	VC EL 54'-7"	3
9	SR-803A	VC EL 54'-7"	3
9	SR-804	VC EL 54'-3"	3
9	SR-805	VC EL 54'-7"	3
10	SR-60**	PAB EL 52'-6"	4
10	SR-61**	PAB EL 52'-6"	4
10	SR-62**	PAB EL 47'-0"	4
10	SR-63**	PAB EL 45'-0"	4
10	SR-65	PAB EL 27'-0"	4
10	SR-807	VC EL 59'-6"	3
10	SR-807A	VC EL 59'-6"	3
10	10-SR-807B	VC EL 59'-6"	3

TABLE 3.12 - 1 (SHEET 3 OF 18)

Safety Related Shock Suppressors (Snubbers)

<u>Line No.</u>	<u>Snubber No.</u>	<u>Location (Approx.)</u>	<u>Category</u>
10	SR-807C	VC EL 59'-6"	3
10	SR-808	VC EL 59'-6"	3
10	SR-809	VC EL 59'-6"	3
10	SR-809A	VC EL 59'-6"	3
10	SR-810	VC EL 59'-6"	3
10	SR-811	VC EL 58'-2"	3
13	13-SR-1	VC EL 58'-0"	3
13	SR-935	VC EL 69'-0"	3
13	SR-936	VC EL 76'-9"	3
13	SR-937	VC EL 84'-0"	3
13	SR-937A	VC EL 84'-0"	3
13	SR-938	VC EL 84'-9"	3
13	SR-939	VC EL 76'-2"	3
13	SR-1027A	VC EL 80'-6"	3
13	SR-1028 **	VC EL 75'-0"	3
13	SR-1028A **	VC EL 76'-8"	3
13	SR-1029A **	VC EL 76'-0"	3
13	SR-1030	VC EL 68'-0"	3
13	SR-1030A	VC EL 68'-0"	3
13	SR-1031	VC EL 76'-0"	3
13	SR-1032	VC EL 76'-8"	3
13	SR-1037	VC EL 83'-7"	3
13	SR-1037A	VC EL 83'-7"	3
13	SR-1051	VC EL 84'-3"	3
13	SR-1052	VC EL 76'-9"	3
13	SR-1053	VC EL 68'-0"	3

TABLE 3.12 - 1 (SHEET 4 OF 18)

Safety Related Shock Suppressors (Snubbers)

<u>Line No.</u>	<u>Snubber No.</u>	<u>Location (Approx.)</u>	<u>Category</u>
13	SR-1059**	VC EL 84'-0"	3
13	SR-1060	VC EL 76'-0"	3
13	SR-1079	VC EL 68'-0"	3
13	SR-1080	VC EL 75'-0"	3
13	SR-1081**	VC EL 68'-0"	3
13	SR-1099	VC EL 82'-0"	3
13	SR-1100	VC EL 76'-0"	3
13	SR-1101**	VC EL 68'-0"	3
13	SR-1102**	VC EL 68'-0"	3
13	SR-1103	VC EL 76'-0"	3
13	SR-1104	VC EL 82'-0"	3
13	SR-1105	VC EL 65'-10"	3
13	13-SR-1105A	VC EL 66'-6"	3
13	SR-1106	VC EL 65'-10"	3
13	SR-1124	VC EL 76'-6"	3
14	14-SR-1	VC EL 83'-0"	3
14	14-SR-2**	VC EL 57'-0"	3
14	SR-925	VC EL 84'-9"	3
14	SR-927	VC EL 81'-6"	3
14	SR-927A	VC EL 81'-6"	3
14	SR-928	VC EL 75'-9"	3
14	SR-928A	VC EL 76'-4"	3
14	SR-929**	VC EL 75'-3"	3
14	SR-931**	VC EL 76'-10"	3
14	SR-969	VC EL 76'-0"	3
14	SR-970	VC EL 75'-0"	3

TABLE 3.12 - 1 (SHEET 5 OF 18)

Safety Related Shock Suppressors (Snubbers)

<u>Line No.</u>	<u>Snubber No.</u>	<u>Location (Approx.)</u>	<u>Category</u>
14	SR-971	VC EL 74'-2"	3
14	SR-1035	VC EL 73'-0"	3
14	SR-1036A	VC EL 76'-0"	3
14	SR-1039A	VC EL 84'-0"	3
14	SR-1040A	VC EL 84'-0"	3
14	SR-1041**	VC EL 77'-0"	3
14	SR-1042	VC EL 75'-9"	3
14	SR-1045A**	VC EL 76'-6"	3
14	SR-1048**	VC EL 76'-6"	3
14	SR-1049	VC EL 75'-8"	3
14	SR-1050	VC EL 84'-3"	3
14	SR-1056**	VC EL 75'-0"	3
14	SR-1057	VC EL 84'-3"	3
14	SR-1083	VC EL 78'-5"	3
14	SR-1084	VC EL 78'-0"	3
14	SR-1093	VC EL 76'-8"	3
14	SR-1094	VC EL 69'-0"	3
14	SR-1095	VC EL 76'-8"	3
14	SR-1096	VC EL 69'-0"	3
14	SR-1097**	VC EL 73'-9"	3
14	SR-1098**	VC EL 73'-9"	3
14A	SR-954	VC EL 66'-6"	3
14A	SR-955	VC EL 71'-0"	3
14A	SR-955A	VC EL 71'-0"	3
14A	SR-956**	VC EL 75'-1"	3

TABLE 3.12 - 1 (SHEET 6 OF 18)

Safety Related Shock Suppressors (Snubbers)

<u>Line No.</u>	<u>Snubber No.</u>	<u>Location (Approx.)</u>	<u>Category</u>
14A	SR-1001	VC EL 68'-8"	3
14A	SR-1002	VC EL 69'-0"	3
14A	SR-1002A**	VC EL 69'-0"	3
14A	SR-1003**	VC EL 76'-8"	3
14A	SR-1003A**	VC EL 76'-0"	3
14A	SR-1075	VC EL 70'-6"	3
14A	SR-1076	VC EL 66'-3"	3
14A	SR-1078	VC EL 70'-3"	3
14A	SR-1120	VC EL 68'-8"	3
14A	SR-1122	VC EL 69'-0"	3
14A	SR-1123	VC EL 68'-8"	3
14A	SR-1077	VC EL 70'-6"	3
15	SR-1B**	PAB EL 76'-0"	4
15	SR-7**	PAB EL 76'-0"	4
15	SR-8**	PAB EL 76'-0"	4
15	SR-8A**	PAB EL 74'-0"	4
15	SR-8B**	PAB EL 74'-8"	4
15	SR-8C (two)**	PAB EL 72'-0"	4
15	SR-11A**	PAB EL 64'-9"	4
15	SR-13B**	PAB EL 61'-9"	4
16	SR-83B**	PAB EL 68'-9"	4
16	SR-83C**	PAB EL 68'-9"	4
16	56-SR-1	VC EL 61'-3"	3
17	17-SR-1	VC EL 58'-0"	3
17	17-SR-2	VC EL 58'-0"	3
17	17-SR-3	VC EL 58'-0"	3

TABLE 3.12 - 1 (SHEET 7 OF 18)

Safety Related Shock Suppressors (Snubbers)

Line No.	Snubber No.	Location (Approx.)	Category
17	17-SR-4	VC EL 58'-0"	3
17	SR-941	VC EL 75'-7"	3
17	SR-941A	VC EL 75'-7"	3
17	SR-1010	VC EL 76'-6"	3
17	SR-1015**	VC EL 79'-0"	3
17	SR-1063**	VC EL 76'-9"	3
17	SR-1065**	VC EL 76'-9"	3
17	SR-1069	VC EL 76'-0"	3
17	SR-1112	VC EL 68'-0"	3
17	SR-1113	VC EL 69'-0"	3
17	SR-1116	VC EL 65'-0"	3
17	SR-1117	VC EL 65'-0"	3
17	SR-1118	VC EL 69'-0"	3
19	SR-896	VC EL 57'-6"	3
27	SR-898	VC EL 58'-3"	3
38	38-SR-11	VC EL 59'-3"	3
38	38-SR-20	VC EL 55'-0"	3
38	38-SR-21	VC EL 60'-0"	3
38	38-SR-22	VC EL 60'-0"	3
38	38-SR-23	VC EL 60'-0"	3
38	38-SR-24	VC EL 60'-0"	3
41	SR-948A**	VC EL 77'-0"	3
41	SR-949**	VC EL 76'-9"	3
41	SR-952	VC EL 76'-0"	3
41	SR-952A**	VC EL 76'-0"	3
41	SR-953	VC EL 68'-0"	3
41	SR-953A	VC EL 65'-0"	3

TABLE 3.12 - 1 (SHEET 8 OF 18)

Safety Related Shock Suppressors (Snubbers)

<u>Line No.</u>	<u>Snubber No.</u>	<u>Location (Approx.)</u>	<u>Category</u>
42	SR-1107**	VC EL 68'-0"	3
42	SR-1108**	VC EL 69'-0"	3
42	SR-1109**	VC EL 65'-0"	3
42	SR-1111**	VC EL 69'-0"	3
43	SR-1020**	VC EL 80'-0"	3
43	SR-1020A	VC EL 81'-0"	3
43	SR-1021**	VC EL 75'-0"	3
43	SR-1022**	VC EL 75'-0"	3
43	SR-1024A	VC EL 74'-5"	3
43	SR-1025A	VC EL 69'-11"	3
43	SR-1026	VC EL 68'-9"	3
44	SR-1072	VC EL 68'-3"	3
44	SR-1073	VC EL 68'-7"	3
45	45-SR-9	VC EL 65'-7"	3
45	45-SR-30	Penetration Area EL 64'-0"	4
46	46-SR-2	VC EL 69'-0"	3
46	46-SR-3	VC EL 69'-0"	3
46	46-SR-30	Penetration Area EL 64'-0"	4
47	47-SR-30	Penetration Area EL 64'-0"	4
48	48-SR-30	Penetration Area EL 64'-0"	4
51	SR-20**	PAB EL 76'-0"	4
51	SR-21**	PAB EL 76'-0"	4
51	SR-21A**	PAB EL 75'-0"	4
51	SR-21B**	PAB EL 74'-9"	4
51	SR-21C (two)**	PAB EL 72'-0"	4
51	SR-24A**	PAB EL 64'-9"	4

TABLE 3.12 - 1 (SHEET 9 OF 18)

Safety Related Shock Suppressors (Snubbers)

<u>Line No.</u>	<u>Snubber No.</u>	<u>Location (Approx.)</u>	<u>Category</u>
51	SR-26B**	Penetration Area EL 61'-0"	4
52	52-SR-1**	VC EL 55'-0"	3
53	53-SR-1**	VC EL 55'-0"	3
53	53-SR-2**	VC EL 56'-9"	3
56	56-SR-6	VC EL 55'-6"	3
56	56-SR-12	VC EL 63'-3"	3
56	56-SR-26	VC EL 50'-9"	3
56	SR-83E**	PAB EL 66'-0"	4
57	SR-64**	PAB EL 32'-0"	4
60	SR-73A	PAB EL 71'-0"	4
60	SR-76A**	PAB EL 64'-8"	4
60	SR-77A**	PAB EL 47'-8"	4
60	SR-83A**	PAB EL 67'-3"	4
60	SR-83D**	PAB EL 67'-3"	4
60	SR-703 (two)	VC EL 55'-0"	3
60	SR-746A	VC EL 64'-6½"	3
60	SR-746B	VC EL 64'-6½"	3
60	SR-746C	VC EL 57'-0"	3
61	SR-881	VC EL 64'-2½"	3
61	SR-887	VC EL 68'-3"	3
61	SR-888**	VC EL 68'-3"	3
61	SR-890**	VC EL 78'-0"	3
62	SR-922A	VC EL 68'-0"	3
62	SR-922B	VC EL 68'-0"	3
62	SR-924	VC EL 70'-0"	3
62	SR-924A**	VC EL 70'-0"	3

TABLE 3.12 - 1 (SHEET 10 OF 18)

Safety Related Shock Suppressors (Snubbers)

<u>Line No.</u>	<u>Snubber No.</u>	<u>Location (Approx.)</u>	<u>Category</u>
64	64-SR-15**	VC EL 58'-0"	3
64	64-SR-20**	VC EL 47'-9"	3
70	70-SR-3	VC EL 85'-9½"	3
70	70-SR-4	VC EL 66'-10"	3
70	70-SR-5	VC EL 68'-6"	3
70	70-SR-6	VC EL 103'-0"	3
70	70-SR-10	VC EL 123'-9"	3
70	70-SR-11	VC EL 123'-9"	3
70	70-SR-12	VC EL 123'-9"	3
70	70-SR-13	VC EL 123'-9"	3
70	70-SR-14	VC EL 127'-3"	3
70	RCS-5	VC EL 102'-3 3/4"	3
70	RCS-6	VC EL 103'-0"	3
70	70-RCS-5A	VC EL 103'-0"	3
71	71-SR-1	VC EL 80'-0"	3
71	SR-963	VC EL 76'-0"	3
71	SR-964	VC EL 68'-0"	3
71	SR-964A	VC EL 68'-6"	3
71	SR-967A	VC EL 63'-10"	3
72	72-SR-1	VC EL 80'-0"	3
72	SR-1125	VC EL 80'-0"	3
72	SR-1126	VC EL 70'-0"	3
72	SR-1127	VC EL 70'-0"	3
72	SR-1128	VC EL 72'-0"	3
72	SR-1129	VC EL 63'-0"	3
72	SR-1131	VC EL 64'-0"	3

TABLE 3.12 - 1 (SHEET 11 of 18)

Safety Related Shock Suppressors (Snubbers)

<u>Line No.</u>	<u>Snubber No.</u>	<u>Location (Approx.)</u>	<u>Category</u>
73	SR-1016**	VC EL 76'-3"	3
73	SR-1016A	VC EL 76'-7"	3
73	SR-1017	VC EL 69'-1"	3
73	SR-1017A	VC EL 69'-0"	3
73	SR-1017B	VC EL 69'-0"	3
73	SR-1018A	VC EL 69'-0"	3
73	73-SR-1**	VC EL 80'-0"	3
74	74-SR-1	VC EL 80'-4"	3
74	SR-1085	VC EL 67'-8"	3
74	SR-1086	VC EL 68'-9"	3
74	SR-1087	VC EL 68'-11"	3
74	SR-1087A	VC EL 70'-4"	3
74	SR-1088**	VC EL 80'-4"	3
74	SR-1089	VC EL 68'-9"	3
74	SR-1090**	VC EL 67'-8"	3
74	SR-1092	VC EL 71'-0"	3
76	76-H-15	VC EL 65'-0"	3
78	78-SR-1	VC EL 70'-6"	3
79	SR-901	VC EL 51'-0"	3
79	SR-902	VC EL 56'-6"	3
79	SR-903	VC EL 56'-6"	3
79	SR-904	VC EL 56'-6"	3
79	SR-905	VC EL 56'-6"	3
79	SR-906	VC EL 56'-6"	3
79	SR-907	VC EL 56'-6"	3
79	SR-908	VC EL 56'-6"	3
79	SR-909	VC EL 56'-6"	3

TABLE 3.12 - 1 (SHEET 12 OF 18)

Safety Related Shock Suppressors (Snubbers)

Line No.	Snubber No.	Location (Approx.)	Category
79	SR-910	VC EL 56'-6"	3
79	SR-911	VC EL 46'-3"	3
79	SR-911A	VC EL 55'-0"	3
80	SR-915B	VC EL 58'-0"	3
80	SR-916	VC EL 58'-0"	3
80	SR-920A	VC EL 58'-8"	3
80	SR-920B	VC EL 58'-0"	3
93	SR-752	VC EL 73'-9"	3
93	SR-752A	VC EL 73'-9"	3
93	SR-753	VC EL 85'-3"	3
94	SR-759	VC EL 85'-3"	3
96	SR-913	VC EL 58'-0"	3
155	SR-50A	PAB EL 25'-0"	4
163	SR-250	PAB EL 68'-6"	4
163	SR-250A	PAB EL 68'-6"	4
163	163-SR-5	Penetration Area EL 48'-0"	4
250	250-SR-1	PAB EL 110'-0"	4
293	SR-761	VC EL 49'-2"	3
293	SR-762**	VC EL 62'-0"	3
293	SR-762A**	VC EL 62'-0"	3
293	SR-763**	VC EL 53'-0"	3
293	SR-763A	VC EL 50'-0"	3
293	SR-764**	VC EL 68'-6"	3
317	317-SR-1	VC EL 65'-0"	3
317	SR-766	VC EL 57'-0"	3
317	SR-766A	VC EL 53'-6"	3

TABLE 3.12 - 1 (SHEET 13 OF 18)

Safety Related Shock Suppressors (Snubbers)

Line No.	Snubber No.	Location (Approx.)	Category
318	318-SR-1**	VC EL 53'-6"	3
318	318-SR-2**	VC EL 57'-0"	3
318	318-SR-3**	VC EL 66'-8"	3
318	318-SR-5**	VC EL 88'-2"	3
342	342-SR-6	VC EL 103'-0"	3
343	343-SR-5	VC EL 103'-0"	3
344	344-SR-4	VC EL 103'-0"	3
350	PWR-156**	VC EL 63'-6"	3
351	PWR-127	VC EL 60'-0"	3
351	PWR-128	VC EL 55'-0"	3
351	PWR-129	VC EL 55'-0"	3
351	SR-742	VC EL 56'-2 7/8"	3
351	351-SR-1	VC EL 55'-0"	3
352	PWR-152	VC EL 66'-6"	3
352	SR-713	VC EL 51'-0"	3
352	352-SR-2	VC EL 63'-0"	3
353	PWR-147A	VC EL 60'-0"	3
353	PWR-148	VC EL 48'-9"	3
353	SR-736	VC EL 47'-3 1/4"	3
353	SR-737	VC EL 48'-9"	3
353	SR-737A	VC EL 58'-6"	3
355	SR-748	VC EL 56'-0"	3
356	356-SR-1	VC EL 55'-3"	3
356	SR-708**	VC EL 55'-3"	3
356	SR-714	VC EL 61'-6"	3
356	SR-715	VC EL 61'-6"	3

TABLE 3.12 - 1 (SHEET 14 OF 18)

Safety Related Shock Suppressors (Snubbers)

<u>Line No.</u>	<u>Snubber No.</u>	<u>Location (Approx.)</u>	<u>Category</u>
356	SR-716	VC EL 61'-6"	3
356	SR-717	VC EL 61'-6"	3
356	SR-718	VC EL 61'-6"	3
356	SR-718A	VC EL 55'-3"	3
356	SR-720	VC EL 55'-3"	3
356	SR-747**	VC EL 53'-10"	3
358	SR-738B	VC EL 55'-1 3/4"	3
358	SR-738A	VC EL 55'-4 1/8"	3
361	SR-732A	VC EL 65'-0"	3
361	SR-749	VC EL 53'-6"	3
361	SR-749A	VC EL 57'-0"	3
361	SR-749B	VC EL 55'-0"	3
361	SR-749C	VC EL 53'-6"	3
361	SR-755	VC EL 56'-9"	3
361	SR-756	VC EL 71'-6"	3
361	361-SR-10	VC EL 61'-6"	3
413	SR-376A**	DGB EL 91'-6"	4
413	SR-395A**	DGB EL 77'-6"	4
414	SR-377A**	DGB EL 93'-7"	4
414	SR-396A**	DGB EL 88'-0"	4
518	SR-71A	PAB EL 70'-0"	4
577	577-SR-1	VC EL 65'-1 1/2"	3
577	577-SR-5	VC EL 59'-6"	3
577	577-SR-13	VC EL 54'-11"	3
577	577-SR-15	VC EL 56'-6"	3
577	577-SR-17	VC EL 62'-0"	3

TABLE 3.12 - 1 (SHEET 15 OF 18)

Safety Related Shock Suppressors (Snubbers)

<u>Line No.</u>	<u>Snubber No.</u>	<u>Location (Approx.)</u>	<u>Category</u>
V-2	SR-V20A	AFB EL 55'-2"	4
V-2	SR-V20B	AFB EL 55'-2"	4
V-3	SR-M29	AFB EL 65'-10"	4
V-3	SR-M30	AFB EL 64'-0"	4
V-3	SR-M31	AFB EL 64'-0"	4
V-3	SR-M32**	AFB EL 76'-10"	4
V-3	SR-M33	AFB EL 83'-6"	4
V-4	SR-M25	AFB EL 78'-6"	4
V-4	SR-M26**	AFB EL 74'-0"	4
V-4	SR-M27	AFB EL 76'-0"	4
V-4	SR-M52	AFB EL 76'-0"	4
V-4	SR-M28**	AFB EL 85'-6"	4
V-5	SR-M34	AFB EL 76'-3"	4
V-5	SR-M35	AFB EL 73'-6"	4
V-5	SR-M36	AFB EL 73'-6"	4
V-5	SR-M37	AFB EL 76'-3"	4
V-5	SR-M38	AFB EL 85'-0"	4
V-5	SR-M54	AFB EL 76'-3"	4
V-6	SR-M39	AFB EL 64'-2"	4
V-6	SR-M40	AFB EL 64'-2"	4
V-6	SR-M41	AFB EL 64'-0 1/2"	4
V-6	SR-M42**	AFB EL 83'-0"	4
V-6	SR-M43**	AFB EL 83'-0"	4
PCA-2	SR-418**	AFB EL 65'-3"	4
PCA-3	SR-432**	AFB EL 60'-3"	4
MS-3	SR-M20A	AFB EL 27'-5"	4

Safety Related Shock Suppressors (Snubbers)

<u>Line No.</u>	<u>Snubber No.</u>	<u>Location (Approx.)</u>	<u>Category</u>
MS-3	SR-M21A	AFB EL 20'-6"	4
MS-3	SR-M20B	AFB EL 27'-5"	4
MS-3	SR-M21B	AFB EL 20'-6"	4
MS-3	SR-M22A	AFB EL 26'-7"	4
MS-3	SR-M22B	AFB EL 26'-7"	4
MS-3	SR-M23B	AFB EL 27'-6"	4
MS-3	SR-M24	AFB EL 27'-6"	4
MS-3	SR-499	AFB EL 68'-0"	4
MS-3	SR-500	AFB EL 68'-0"	4
MS-3	SR-501	AFB EL 68'-0"	4
MS-3	SR-501A	AFB EL 65'-1"	4
MS-3	SR-501B	AFB EL 65'-1"	4
MS-3	SR-502	AFB EL 66'-0"	4
MS-3	SR-503	AFB EL 66'-8"	4
MS-3	SR-503A	AFB EL 65'-11"	4
MS-3	SR-503B	AFB EL 65'-1"	4
MS-3	SR-504	AFB EL 58'-10"	4
MS-3	SR-505	AFB EL 55'-10"	4
MS-3	SR-506	AFB EL 51'-7"	4
MS-3	SR-507	AFB EL 38'-6"	4
MS-3	SR-507A	AFB EL 48'-5 1/8"	4
MS-3	SR-507B	AFB EL 48'-7 5/8"	4
MS-3	SR-507C	AFB EL 35'-5 7/8"	4
BFD	SR-A8**	AFB EL 49'-10"	4
BFD	SR-A9**	AFB EL 51'-4"	4
BFD	SR-A10**	AFB EL 52'-10"	4

TABLE 3.12 - 1 (SHEET 17 OF 18)

Safety Related Shock Suppressors (Snubbers)

<u>Line No.</u>	<u>Snubber No.</u>	<u>Location (Approx.)</u>	<u>Category</u>
BFD	SR-A11**	AFB EL 28'-6"	4
BFD	SR-A13**	AFB EL 25'-9"	4
BFD	SR-A24**	AFB EL 54'-4"	4
BFD	SR-464A**	AFB EL 54'-4"	4
BFD	SR-465A**	AFB EL 52'-4"	4
BFD	SR-466A**	AFB EL 51'-0"	4
BFD	SR-471A**	AFB EL 20'-0"	4
BFD	SR-472A**	AFB EL 27'-0"	4
BFD	SR-473A**	AFB EL 20'-0"	4
BFD	SR-474A**	AFB EL 20'-0"	4
BFD	SR-475A**	AFB EL 20'-0"	4
BFD	SR-484A**	AFB EL 19'-0"	4
BFD	SR-486A**	AFB EL 19'-0"	4
BFD	SR-490A**	AFB EL 19'-0"	4
BFD	SR-492A**	AFB EL 19'-0"	4
BFD	SR-494A**	AFB EL 26'-6"	4
BFD	SR-496A**	AFB EL 26'-6"	4

Steam Gen.

#21	SG21-1 thru SG21-4	VC-E1.94'	2,3
#21	SG21-5 and SG21-6	VC-E1.46'	2,3
#22	SG22-1 thru SG22-4	VC-E1.94'	2,3
#22	SG22-5 and SG22-6	VC-E1.46'	2,3
#23	SG23-1 thru SG23-4	VC-E1.94'	2,3
#23	SG23-5 and SG23-6	VC-E1.46'	2,3
#24	SG24-1 thru SG24-4	VC-E1.94'	2,3
#24	SG24-5 and SG24-6	VC-E1.46'	2,3

TABLE 3.12 - 1 (SHEET 18 OF 18)

Safety Related Shock Suppressors (Snubbers)

NOTES:

- (1) Location: AFB - Aux. Boiler Feed Pump Bldg. and Pipe  
Bridge Area  
PAB - Primary Auxiliary Building  
VC - Containment Building  
DGB - Diesel Generator Building  
SG - Steam Generator

(2) Categories:

1. Snubber in high radiation area during shutdown.\*
2. Snubber especially difficult to remove. (Because of size and/or location).
3. Snubber inaccessible during normal operation.\* (Because of high radiation and/or temperature environment).
4. Snubber accessible during normal operation.\*

\* Modifications to this Table due to changes in high radiation areas may be made without prior license amendment provided that a revision to this Table is included with the next license amendment request.

\*\* Deletion of this snubber has been approved in accordance with a redesign of the support system of this line. When conditions permit, this snubber will be removed from its associated piping system and shall then be considered deleted from this Table.



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 55 TO FACILITY OPERATING LICENSE NO. DPR-26  
CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.  
INDIAN POINT NUCLEAR GENERATING UNIT NO. 2  
DOCKET NO. 50-247

Introduction

By letter dated February 9, 1979, Consolidated Edison Company of New York (the licensee) submitted a proposed amendment to the Technical Specifications for Indian Point Nuclear Generating Plant Unit No. 2. The amendment reduces the number of hydraulic snubbers based on a redesign of the support systems of certain safety-related pipe lines.

Evaluation

The support systems in Indian Point Unit No. 2 have been redesigned based on a thermal analysis. The licensee proposes to replace some of the snubbers by struts where the analytical results indicate that the thermal expansion stress criterion as well as the seismic stress criterion are satisfied.

A strut can satisfactorily replace a snubber if the thermal movement at that support location is sufficiently small so that the thermal stress will not exceed the allowable design value or other stress design limits. The thermal movement data collected from Unit No. 3 have demonstrated that the analytical predictions on which the design is based were conservative. Therefore, we conclude that those proposed changes to Table 3.12-1 of the Technical Specifications, "Safety Related Shock Suppressors (Snubbers)", which are based on a thermal analysis are acceptable. Those proposed changes which are based on the Unit No. 3 seismic pipe-stress analysis will be considered at a future time.

Environmental Consideration

We have determined that the amendment does not authorize a change in effluent types or total amount nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact, and pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

7907240415

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date: June 12, 1979

7590-01

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-247

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 55 to Facility Operating License No. DPR-26, issued to Consolidated Edison Company of New York, Inc. (the licensee), which revised Technical Specifications for operation of the Indian Point Nuclear Generating Unit No. 2 (the facility) located in Buchanan, Westchester County, New York. The amendment is effective as of the date of issuance.

The amendment authorizes a reduction in the number of hydraulic snubbers required by the Technical Specifications, reflecting re-design of the support systems of certain safety-related pipe lines.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

7907240418

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated February 9, 1979, (2) Amendment No. 55 to License No. DPR-26, and (3) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. and at the White Plains Public Library, 100 Martine Avenue, White Plains, New York. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Operating Reactors.

Dated at Bethesda, Maryland, this 12th day of June.

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-247CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
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Dated at Bethesda, Maryland, this 12th day of June.

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

7590-01

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-247

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

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Dated at Bethesda, Maryland, this 12th day of June.

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

Final

JMC JMC

William O. Miller, Chief  
License Fee Management Branch, ADM

Date: 2/16/79  
Amended Form Date: \_\_\_\_\_

FACILITY AMENDMENT CLASSIFICATION - DOCKET NO(S). 50-247

Licensee: Consolidated Edison Company of New York

Plant Name and Unit(s): Indian Point, Unit No 2

License No(s): DPR-26 Mail Control No: 7902150319

Request Dated: February 9, 1979 Fee Remitted: Yes  No

Assigned TAC No: 11474

Licensee's Fee Classification: Class I , II , III , IV , V , VI ,  
None

Amendment No. 55 Date of Issuance June 12, 1979

1. This request has been reviewed by DOR/DPM in accordance with Section 170.22 of Part 170 and is properly categorized.

2. This request is incorrectly classified and should be properly categorized as Class \_\_\_\_\_. Justification for classification or reclassification: \_\_\_\_\_

3. Additional information is required to properly categorize the request: \_\_\_\_\_

4. This request is a Class \_\_\_\_ type of action and is exempt from fees because it:  
(a) \_\_\_\_\_ was filed by a nonprofit educational institution,  
(b) \_\_\_\_\_ was filed by a Government agency and is not for a power reactor,  
(c) \_\_\_\_\_ is for a Class \_\_\_\_ (can only be a I, II, or III) amendment which results from a written Commission request dated \_\_\_\_\_ for the application and the amendment is to simplify or clarify license or technical specifications, has only minor safety significance, and is being issued for the convenience of the Commission, or  
(d) Other (state reason therefor): \_\_\_\_\_

Dr. Abner 2-23-79

Division of Operating Reactors/Project Management

The above request has been reviewed and is exempt from fees.

William O. Miller, Chief  
License Fee Management Branch

\_\_\_\_\_ Date