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New York Power Authority

J. Phillip Bayne
Executive Vice President
Nuclear Generation

September 19, 1984
IPN-84-38

Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing

Subject: Indian Point 3 Nuclear Power Plant
Docket No. 50-286
Mid-Cycle Outage - Steam Generator Inspection Programs

Dear Sir:

This letter serves to transmit the test programs for the eddy current testing of the steam generator tubes and the steam generator girth weld inspection to be conducted during Indian Point 3 mid-cycle outage, currently scheduled to commence on October 12, 1984.

Attachment 1 to this letter provides the test program for the eddy current testing of the selected steam generator tubes. As in the past, the program will consist of separate inspections of the hot and cold leg sides of the selected generators up to the second support plate. Therefore, the results of the inspections will be considered to be mutually exclusive with respect to the additional sample inspection requirements provided by Technical Specification Table 4.9-1.

This test program satisfies the requirements of Indian Point 3 Technical Specification 4.9. The tube inspection is as indicated in the Authority's October 18, 1982 letter (IPN-82-69). This test program includes the following:

- SG's 31 and 34 have been chosen for the inspection since they are representative of existing steam generator conditions.
- These two generators will be inspected from the tubesheet to the second support plate, on both legs.

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- For the cold leg of each of the two generators a sample of 300 tubes (9.2%) will be inspected. This sample was chosen to include all of the tubes that previously exhibited indications of 20% wall degradation or greater, along with a random sampling of sleeved tubes, and tubes without previously detected defects.

- For the hot leg of each of the two generators, a sample of 200 tubes (6.1%) will be inspected. This sample includes all tubes that previously exhibited defects, and a random sampling of tubes without previously detected defects.

Table I of Attachment 1 summarizes the numbers and types of tubes selected for each generator leg sample. Table II lists the tubes to be inspected, along with their respective 1982 eddy current test results.

Attachment 2 to this letter provides the test program for steam generator girth weld inspection. The Authority will perform ultrasonic inspection of one hundred and seventy five linear inches of steam generator girth weld. Thirty five inches will be examined on steam generator 31, 32, and 33. Seventy inches will be examined on steam generator 34.

Should you or your staff have any questions regarding this matter, please notify P. Kokolakis of my staff.

Very truly yours,

J. P. Bayne
First Executive Vice President
Chief Operations Officer

cc: Resident Inspector's Office
Indian Point Unit 3
U. S. Nuclear Regulatory Commission
P. O. Box 66
Buchanan, New York 10511

Attachment 1 to IPN-84-38

Eddy Current Testing Program

New York Power Authority
Indian Point 3 Nuclear Power Plant
Docket No. 50-286

NEW YORK POWER AUTHORITY
INDIAN POINT - 3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

KEY TO ABBREVIATIONS

N = not sleeved
NDD = no detectable degradation
PDD = previous degradation detected

TABLE I

SUMMARY OF ECT INSPECTION PLAN FOR MID-CYCLE OUTAGE (1984)

Number of Tubes to be inspected (3)	Steam Gen. # 31 Hot Leg	Steam Gen. # 31 Cold Leg	Steam Gen. # 34 Hot Leg	Steam Gen. # 34 Cold Leg
Sleeved Tubes	-	45	-	45
Degraded Tubes (1)	18	167	2	219
Tubes w/o Degradation (4)	182	88	198	36
Total Number of Tubes	200 (2)	300	200 (2)	300

Note (1) Includes all indications $\geq$ 20% wall degradation per 1982 ECT results.

(2) Represents 6% of all tubes.

(3) From tubesheet to second tube support plate.

(4) Includes sample of tubes with $<$ 20% wall degradation.

TABLE II

NEW YORK POWER AUTHORITY

INDIAN POINT-3 NUCLEAR POWER PLANT

MID-CYCLE OUTAGE - OCTOBER 1984

STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

STEAM GENERATORS #31 AND #34:

LISTING OF ALL TUBES TO BE INSPECTED

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 31

Leg: Hot

ROW	COLUMN	SLEEVE LENGTH, IN.	1982 ECT Results TUBE STATUS
03	01	N	NDD
08	02	N	NDD
14	03	N	NDD
15	04	N	NDD
02	05	N	NDD
17	05	N	NDD
20	06	N	NDD
09	07	N	NDD
06	08	N	NDD
15	08	N	NDD
23	03	N	NDD
26	09	N	NDD
10	10	N	NDD
02	11	N	NDD
15	12	N	NDD
23	12	N	NDD
26	12	N	NDD
18	13	N	NDD
04	14	N	PDD
06	14	N	NDD
22	14	N	NDD
30	14	N	NDD
10	15	N	PDD
12	15	N	NDD
20	15	N	NDD
04	16	N	PDD
07	16	N	NDD
28	16	N	NDD
34	16	N	NDD
14	17	N	NDD
24	17	N	NDD
02	18	N	PDD
04	18	N	NDD
02	19	N	NDD
07	19	N	NDD
15	19	N	PDD
20	20	N	NDD
36	20	N	NDD
05	21	N	PDD
15	21	N	NDD
23	21	N	NDD
29	21	N	NDD
02	22	N	NDD
11	22	N	NDD
21	23	N	NDD
18	24	N	NDD
05	25	N	NDD
08	25	N	PDD
18	25	N	PDD
27	25	N	NDD

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 31

Leg: Hot

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH, IN.	TUBE STATUS
33	25	N	NDD
39	25	N	NDD
15	26	N	NDD
05	27	N	NDD
12	27	N	NDD
21	27	N	NDD
23	27	N	NDD
36	27	N	NDD
07	28	N	NDD
41	28	N	NDD
17	29	N	NDD
25	29	N	NDD
02	30	N	NDD
11	30	N	NDD
09	31	N	NDD
26	31	N	NDD
28	32	N	NDD
42	32	N	NDD
43	32	N	NDD
17	33	N	NDD
20	33	N	NDD
29	33	N	NDD
37	33	N	NDD
04	34	N	NDD
07	35	N	NDD
24	35	N	NDD
25	35	N	PDD
42	35	N	PDD
11	36	N	NDD
13	36	N	NDD
22	36	N	NDD
26	36	N	NDD
34	36	N	NDD
02	37	N	NDD
21	37	N	NDD
43	37	N	NDD
18	38	N	NDD
04	39	N	NDD
08	39	N	NDD
23	39	N	NDD
44	39	N	NDD
11	40	N	NDD
40	40	N	NDD
21	41	N	NDD
45	42	N	NDD
26	43	N	NDD
35	44	N	NDD
14	45	N	NDD
19	45	N	NDD
29	45	N	PDD

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 31

Leg: Hot

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH, IN.	TUBE STATUS
02	46	N	NDD
26	46	N	NDD
34	46	N	NDD
45	46	N	NDD
31	47	N	NDD
08	48	N	NDD
40	48	N	NDD
16	49	N	NDD
20	49	N	NDD
23	49	N	NDD
12	50	N	NDD
07	51	N	NDD
20	52	N	NDD
11	53	N	NDD
19	54	N	NDD
29	54	N	NDD
43	54	N	NDD
04	55	N	NDD
25	55	N	NDD
07	56	N	NDD
27	56	N	NDD
12	57	N	NDD
17	57	N	NDD
38	57	N	NDD
44	57	N	NDD
02	58	N	NDD
09	58	N	NDD
43	58	N	NDD
04	59	N	NDD
11	59	N	NDD
07	60	N	NDD
24	60	N	NDD
19	61	N	NDD
27	61	N	NDD
27	62	N	NDD
42	62	N	NDD
06	63	N	NDD
12	63	N	NDD
16	63	N	NDD
09	64	N	NDD
06	65	N	NDD
14	65	N	NDD
19	65	N	NDD
29	65	N	PDD
40	66	N	NDD
08	67	N	NDD
32	67	N	NDD
02	68	N	NDD
11	68	N	NDD
18	68	N	NDD

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 31

Leg: Hot

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH, IN.	TUBE STATUS
06	69	N	NDD
07	70	N	NDD
13	70	N	NDD
39	70	N	NDD
11	71	N	NDD
14	71	N	NDD
03	72	N	NDD
33	72	N	NDD
37	72	N	NDD
06	73	N	NDD
15	73	N	NDD
27	73	N	PDD
02	74	N	NDD
26	74	N	NDD
29	74	N	PDD
35	74	N	NDD
16	75	N	NDD
24	75	N	PDD
28	75	N	NDD
30	75	N	NDD
05	76	N	NDD
08	76	N	NDD
34	76	N	NDD
04	77	N	NDD
12	77	N	NDD
22	77	N	NDD
07	78	N	NDD
30	78	N	NDD
02	79	N	NDD
26	79	N	NDD
07	80	N	NDD
20	80	N	NDD
03	81	N	PDD
29	81	N	NDD
02	82	N	NDD
25	82	N	NDD
02	83	N	PDD
27	83	N	NDD
09	84	N	NDD
15	84	N	NDD
24	85	N	NDD
22	86	N	NDD
07	87	N	NDD
02	88	N	NDD
20	88	N	NDD
15	89	N	NDD
10	90	N	NDD
13	90	N	PDD
08	91	N	NDD
03	92	N	NDD

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 34

Leg: Hot

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH, IN.	TUBE STATUS
05	01	N	NDD
10	02	N	NDD
03	03	N	NDD
09	04	N	NDD
05	05	N	NDD
13	05	N	NDD
21	06	N	NDD
07	07	N	NDD
16	07	N	NDD
02	08	N	NDD
13	08	N	NDD
09	09	N	NDD
26	10	N	NDD
02	11	N	NDD
12	11	N	NDD
08	12	N	NDD
16	12	N	NDD
21	12	N	NDD
23	13	N	NDD
04	14	N	NDD
13	14	N	NDD
16	15	N	NDD
24	15	N	NDD
06	16	N	NDD
27	16	N	NDD
08	17	N	NDD
13	17	N	NDD
31	17	N	NDD
02	18	N	NDD
18	18	N	NDD
28	18	N	NDD
12	19	N	NDD
36	20	N	NDD
04	21	N	NDD
14	21	N	NDD
22	22	N	NDD
25	22	N	NDD
34	22	N	NDD
07	23	N	NDD
12	23	N	NDD
15	24	N	NDD
05	25	N	NDD
12	25	N	NDD
22	25	N	NDD
32	25	N	NDD
37	25	N	NDD
02	26	N	NDD
09	26	N	NDD
23	26	N	NDD
04	27	N	NDD

NEW YORK POWER AUTHORITY
INDIAN POINT - 3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 34

Leg: Hot

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH, IN.	TUBE STATUS
13	27	N	NDD
17	27	N	NDD
24	28	N	NDD
30	28	N	NDD
12	29	N	NDD
34	29	N	NDD
18	30	N	NDD
42	31	N	NDD
06	32	N	NDD
16	32	N	NDD
21	32	N	NDD
41	32	N	NDD
03	33	N	NDD
31	33	N	NDD
11	34	N	NDD
34	34	N	NDD
08	35	N	NDD
18	35	N	NDD
24	35	N	NDD
38	35	N	NDD
04	36	N	NDD
30	36	N	NDD
43	36	N	NDD
21	37	N	NDD
29	37	N	NDD
32	37	N	NDD
02	38	N	NDD
11	38	N	NDD
17	38	N	NDD
36	38	N	NDD
06	39	N	NDD
25	39	N	NDD
28	40	N	PDD
29	40	N	PDD
42	40	N	NDD
08	41	N	NDD
11	41	N	NDD
26	41	N	NDD
16	42	N	NDD
39	42	N	NDD
42	42	N	NDD
06	43	N	NDD
22	43	N	NDD
33	43	N	NDD
02	44	N	NDD
13	44	N	NDD
36	44	N	NDD
31	45	N	NDD
03	46	N	NDD
16	46	N	NDD

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 34

Leg: Hot

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH, IN.	TUBE STATUS
43	46	N	NDD
07	47	N	NDD
19	47	N	NDD
27	48	N	NDD
34	48	N	NDD
05	49	N	NDD
13	49	N	NDD
31	49	N	NDD
45	50	N	NDD
03	51	N	NDD
12	51	N	NDD
26	51	N	NDD
36	51	N	NDD
18	52	N	NDD
43	52	N	NDD
09	53	N	NDD
14	53	N	NDD
22	53	N	NDD
29	53	N	NDD
36	53	N	NDD
06	54	N	NDD
24	54	N	NDD
38	54	N	NDD
02	55	N	NDD
41	55	N	NDD
26	56	N	NDD
34	56	N	NDD
43	56	N	NDD
08	57	N	NDD
15	57	N	NDD
33	57	N	NDD
18	58	N	NDD
22	58	N	NDD
03	59	N	NDD
11	59	N	NDD
42	59	N	NDD
27	60	N	NDD
08	61	N	NDD
18	61	N	NDD
04	62	N	NDD
38	62	N	NDD
07	63	N	NDD
15	63	N	NDD
27	63	N	NDD
34	63	N	NDD
20	64	N	NDD
39	64	N	NDD
11	65	N	NDD
17	65	N	NDD
32	65	N	NDD

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 34

Leg: Hot

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH, IN.	TUBE STATUS
13	66	N	NDD
24	66	N	NDD
35	66	N	NDD
02	67	N	NDD
05	67	N	NDD
08	68	N	NDD
18	68	N	NDD
21	68	N	NDD
39	69	N	NDD
03	70	N	NDD
37	70	N	NDD
12	71	N	NDD
18	71	N	NDD
26	71	N	NDD
32	71	N	NDD
04	72	N	NDD
05	72	N	NDD
07	73	N	NDD
22	73	N	NDD
02	74	N	NDD
28	74	N	NDD
14	75	N	NDD
19	75	N	NDD
33	75	N	NDD
05	76	N	NDD
11	76	N	NDD
08	77	N	NDD
15	78	N	NDD
26	78	N	NDD
02	79	N	NDD
07	79	N	NDD
21	79	N	NDD
26	80	N	NDD
09	81	N	NDD
15	81	N	NDD
22	82	N	NDD
04	83	N	NDD
07	83	N	NDD
13	83	N	NDD
17	84	N	NDD
23	85	N	NDD
05	86	N	NDD
08	87	N	NDD
02	88	N	NDD
11	88	N	NDD
07	89	N	NDD
16	89	N	NDD
12	90	N	NDD
08	91	N	NDD
02	92	N	NDD

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 31

Leg: Cold

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH, IN.	TUBE STATUS
09	03	N	NDD
02	04	N	NDD
02	11	N	NDD
12	11	N	NDD
21	13	N	NDD
30	13	N	PDD
14	15	N	NDD
33	15	N	PDD
02	16	N	PDD
03	16	N	NDD
06	16	N	NDD
31	16	N	NDD
02	17	N	PDD
03	17	N	PDD
17	17	N	NDD
24	17	N	NDD
02	18	36	NDD
03	18	N	PDD
13	18	N	NDD
02	19	N	PDD
02	20	N	PDD
12	20	N	NDD
15	22	N	NDD
28	22	N	NDD
02	24	40	NDD
13	24	N	NDD
33	24	N	NDD
04	25	N	PDD
06	25	N	PDD
15	25	N	NDD
24	25	N	PDD
25	25	N	PDD
16	26	N	NDD
19	26	36	NDD
20	26	N	PDD
24	26	N	PDD
25	26	N	PDD
26	26	N	PDD
05	27	40	NDD
15	27	N	PDD
16	27	N	PDD
21	27	N	PDD
09	28	40	NDD
12	28	N	PDD
17	28	40	NDD
20	28	N	NDD
26	28	N	PDD
21	29	N	NDD
22	29	N	PDD
03	30	40	NDD

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No. 31

Leg: Cold

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH, IN.	TUBE STATUS
15	30	40	NDD
25	30	N	NDD
26	30	N	PDD
27	30	N	PDD
28	30	N	PDD
04	31	40	NDD
09	31	N	NDD
24	31	N	NDD
07	32	N	PDD
08	32	N	NDD
14	32	N	NDD
22	32	N	NDD
23	32	N	PDD
25	32	N	PDD
26	32	36	NDD
34	32	N	NDD
08	33	N	PDD
24	33	N	PDD
25	33	N	NDD
29	33	N	PDD
02	34	N	PDD
08	34	N	PDD
10	34	N	PDD
19	34	44	NDD
21	34	N	PDD
22	34	40	NDD
26	34	N	PDD
29	34	N	PDD
31	34	N	NDD
14	35	44	NDD
16	35	N	NDD
24	35	N	PDD
36	35	N	NDD
07	36	N	PDD
25	36	N	PDD
29	36	N	PDD
32	36	N	NDD
06	37	44	NDD
08	37	N	PDD
10	37	N	NDD
29	37	N	NDD
30	37	N	PDD
03	38	N	PDD
07	38	N	PDD
18	38	44	NDD
24	38	N	NDD
26	38	N	PDD
06	39	N	NDD
07	39	N	PDD
09	39	N	NDD
11	39	44	NDD

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INDIAN POINT-3 NUCELAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No. 31
Leg: Cold

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH, IN.	TUBE STATUS
21	39	N	NDD
25	39	N	NDD
07	40	N	PDD
21	40	44	NDD
26	40	N	PDD
28	40	N	NDD
13	41	N	NDD
23	41	44	NDD
25	41	N	PDD
27	41	N	NDD
29	41	N	PDD
02	42	N	PDD
16	42	44	NDD
27	42	N	PDD
32	42	N	NDD
05	43	N	PDD
06	43	N	NDD
20	43	44	NDD
30	43	N	PDD
31	43	N	PDD
09	44	N	NDD
18	44	N	PDD
22	44	44	NDD
26	44	40	NDD
28	44	N	NDD
30	44	N	PDD
31	44	N	PDD
10	45	40	NDD
18	45	N	NDD
06	46	N	PDD
07	46	N	PDD
28	46	N	PDD
02	47	N	PDD
17	47	44	NDD
29	47	N	PDD
31	47	N	NDD
35	47	N	NDD
02	48	N	PDD
03	48	N	PDD
06	48	N	NDD
12	48	N	PDD
29	48	N	NDD
30	48	36	NDD
02	49	40	NDD
10	49	N	PDD
11	49	N	PDD
12	49	N	PDD
24	49	N	NDD
28	49	N	PDD
29	49	N	PDD

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No. 31

1982 ECT Results

Leg: Cold

ROW	COLUMN	SLEEVE LENGTH, IN.	TUBE STATUS
31	49	N	PDD
08	50	N	PDD
10	50	N	PDD
12	50	N	NDD
13	50	44	NDD
15	50	N	NDD
17	50	N	NDD
27	50	N	NDD
31	50	N	PDD
32	50	N	PDD
33	50	N	PDD
35	50	N	PDD
10	51	40	NDD
16	51	44	NDD
28	51	N	PDD
29	51	N	PDD
31	51	N	PDD
02	52	N	NDD
11	52	N	PDD
18	52	N	NDD
26	52	N	PDD
29	52	N	PDD
30	52	N	PDD
31	52	N	PDD
32	52	N	PDD
33	52	N	PDD
02	53	N	PDD
10	53	N	PDD
25	53	N	PDD
30	53	N	PDD
32	53	N	PDD
18	54	N	PDD
23	54	N	PDD
24	54	N	PDD
30	54	N	PDD
35	54	N	NDD
36	54	N	PDD
38	54	N	PDD
07	55	N	PDD
18	55	N	PDD
28	55	N	PDD
29	55	N	NDD
31	55	N	PDD
35	55	N	NDD
05	56	44	NDD
08	56	N	PDD
22	56	N	PDD
23	56	N	PDD
27	56	N	NDD
30	56	N	PDD

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 31

Leg: Cold

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH IN.	TUBE STATUS
31	56	N	NDD
36	56	N	PDD
12	57	N	NDD
15	57	N	PDD
16	57	N	NDD
23	57	N	PDD
26	57	N	PDD
28	57	N	PDD
29	57	N	PDD
07	58	N	PDD
08	58	N	NDD
09	58	N	NDD
22	58	40	NDD
08	59	N	PDD
14	59	N	PDD
15	59	N	PDD
16	59	N	PDD
17	59	N	PDD
21	59	44	NDD
27	59	N	PDD
13	60	N	NDD
17	60	N	PDD
24	60	N	PDD
29	60	N	PDD
04	61	40	NDD
12	61	40	NDD
13	61	N	PDD
14	61	N	PDD
29	61	N	NDD
31	61	N	PDD
25	62	N	PDD
26	62	36	NDD
27	62	N	PDD
32	62	N	NDD
16	63	44	NDD
19	64	N	PDD
23	64	N	PDD
27	64	N	NDD
05	65	40	NDD
09	65	N	PDD
10	65	N	PDD
12	65	44	NDD
23	65	N	PDD
24	65	N	PDD
25	65	N	PDD
08	66	N	PDD
09	66	N	PDD
13	66	40	NDD
20	66	N	PDD
23	66	N	PDD
33	66	N	NDD

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 31

Leg: Cold

ROW	COLUMN	SLEEVE LENGTH, IN.	1982 ECT Results TUBE STATUS
13	67	N	NDD
15	67	40	NDD
21	67	N	PDD
02	68	40	NDD
21	68	N	PDD
23	68	N	PDD
13	69	N	PDD
15	69	40	NDD
17	69	N	PDD
25	69	N	NDD
06	70	44	NDD
14	70	N	PDD
15	70	N	PDD
16	70	N	PDD
19	71	N	NDD
30	71	N	NDD
24	72	N	NDD
06	73	N	PDD
10	73	N	PDD
02	74	36	NDD
08	74	N	PDD
09	74	N	PDD
10	74	N	PDD
12	74	N	PDD
13	74	N	PDD
19	74	N	PDD
08	75	N	PDD
09	75	N	PDD
16	75	N	NDD
05	76	36	NDD
09	76	N	PDD
33	76	N	NDD
04	77	N	PDD
15	77	N	NDD
05	78	N	PDD
07	78	N	PDD
08	78	N	NDD
09	78	N	NDD
32	78	N	NDD
02	79	N	NDD
05	79	N	PDD
09	79	N	PDD
12	79	N	NDD
05	80	N	PDD
07	80	N	PDD
10	80	N	PDD
04	82	N	NDD
15	84	N	NDD
02	87	N	NDD

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 34

Leg: Cold

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH-, IN.	TUBE STATUS
11	04	N	NDD
06	15	N	NDD
03	16	N	PDD
03	17	N	PDD
17	17	N	NDD
02	18	N	PDD
03	18	N	PDD
04	18	N	PDD
06	18	N	PDD
09	18	N	PDD
10	18	N	PDD
04	19	N	NDD
07	19	N	PDD
10	19	N	PDD
12	19	N	PDD
04	20	N	PDD
05	20	N	PDD
12	20	36	NDD
13	20	N	PDD
02	21	40	NDD
05	21	N	PDD
06	21	N	PDD
14	21	N	PDD
07	22	N	PDD
10	22	N	PDD
12	22	N	PDD
17	22	N	PDD
18	22	N	PDD
02	23	N	NDD
11	23	40	NDD
19	23	N	PDD
21	23	N	PDD
22	23	N	PDD
06	24	N	PDD
08	24	N	PDD
18	24	N	PDD
20	24	N	PDD
12	25	N	PDD
20	25	N	PDD
02	26	N	NDD
10	26	40	NDD
13	26	40	NDD
18	26	N	PDD
20	26	N	PDD
23	26	N	PDD
03	27	40	NDD
04	27	N	PDD
16	27	N	PDD
19	27	N	PDD
20	27	N	NDD

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 34

Leg: Cold

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH, IN.	TUBE STATUS
23	27	N	PDD
25	27	N	PDD
26	27	N	PDD
04	28	N	PDD
05	28	N	PDD
07	28	N	PDD
14	28	N	NDD
18	28	40	NDD
19	28	N	PDD
23	28	36	NDD
24	28	N	PDD
26	28	N	PDD
10	29	N	NDD
11	29	N	NDD
12	29	N	PDD
15	29	N	PDD
23	29	N	PDD
24	29	N	PDD
25	29	N	PDD
27	29	N	PDD
09	30	N	PDD
11	30	N	PDD
26	30	N	PDD
04	31	40	NDD
05	31	N	PDD
13	31	N	NDD
17	31	N	PDD
18	31	N	PDD
21	31	N	PDD
22	31	N	PDD
05	32	N	PDD
08	32	40	NDD
13	32	40	NDD
23	32	N	PDD
28	32	N	PDD
14	33	N	PDD
26	33	N	PDD
13	34	N	PDD
14	34	N	NDD
15	34	N	PDD
17	34	N	PDD
18	34	44	NDD
25	34	N	PDD
26	34	N	PDD
03	35	N	PDD
06	35	N	PDD
12	35	N	NDD
16	35	N	PDD
18	35	40	NDD
25	35	N	PDD

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 34

Leg: Cold

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH, IN.	TUBE STATUS
26	35	N	PDD
06	36	N	PDD
22	36	40	NDD
28	36	36	NDD
29	36	N	PDD
30	36	N	PDD
18	37	N	PDD
20	37	N	PDD
21	37	N	PDD
22	37	N	PDD
15	38	N	NDD
21	38	N	PDD
07	39	N	PDD
14	39	N	PDD
17	39	N	PDD
20	39	N	PDD
21	39	N	PDD
24	39	40	NDD
31	39	N	PDD
14	40	N	NDD
17	40	N	PDD
18	40	N	NDD
20	40	N	PDD
23	40	N	NDD
25	40	40	NDD
27	40	N	PDD
04	41	N	PDD
13	41	N	PDD
25	41	N	PDD
28	41	N	PDD
03	42	40	NDD
07	42	N	PDD
11	42	N	NDD
20	42	N	PDD
29	42	N	PDD
07	43	N	PDD
09	43	N	PDD
14	43	40	NDD
16	43	N	PDD
19	43	N	PDD
22	43	N	PDD
24	43	N	PDD
27	43	N	PDD
32	43	N	PDD
06	44	N	PDD
20	44	N	PDD
27	44	N	PDD
35	44	N	NDD
11	45	N	PDD
26	45	N	PDD

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 34

Leg: Cold

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH, IN.	TUBE STATUS
28	45	N	PDD
14	46	40	NDD
19	46	40	NDD
21	46	40	NDD
07	47	40	NDD
23	47	40	NDD
04	48	40	NDD
11	48	N	PDD
13	48	40	NDD
18	48	N	PDD
02	49	N	PDD
11	49	N	PDD
16	49	N	PDD
20	49	N	PDD
22	49	N	PDD
24	49	N	PDD
27	49	N	PDD
04	50	N	PDD
14	50	40	NDD
15	50	N	PDD
21	50	N	PDD
22	50	N	PDD
26	50	N	PDD
04	51	N	PDD
15	51	N	NDD
16	51	N	PDD
23	51	N	PDD
24	51	N	PDD
25	51	N	NDD
26	51	N	PDD
14	52	N	PDD
17	52	N	PDD
20	52	40	NDD
23	52	N	NDD
32	52	N	PDD
03	53	N	PDD
32	53	N	PDD
33	53	N	PDD
02	54	40	NDD
07	54	N	PDD
09	54	N	NDD
13	54	40	NDD
16	54	N	PDD
18	54	N	PDD
20	54	N	PDD
27	54	N	PDD
31	54	N	PDD
32	54	N	PDD
08	55	40	NDD
26	55	N	PDD

NEW YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 34

Leg: Cold

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH, IN.	TUBE STATUS
27	55	N	PDD
30	55	N	PDD
31	55	N	PDD
32	55	N	PDD
05	56	40	NDD
15	56	N	PDD
29	56	36	NDD
30	56	N	PDD
32	56	N	NDD
35	56	N	NDD
37	56	N	PDD
38	56	N	PDD
09	57	N	PDD
10	57	N	NDD
21	57	40	NDD
28	57	N	PDD
30	57	N	PDD
37	57	N	NDD
10	58	N	PDD
17	58	N	PDD
28	58	N	PDD
32	58	N	PDD
13	59	N	PDD
19	59	40	NDD
06	60	N	PDD
13	60	N	PDD
17	60	N	PDD
21	60	N	PDD
23	60	40	NDD
02	61	N	NDD
03	61	N	PDD
04	61	N	NDD
15	61	N	NDD
19	61	N	PDD
22	61	N	PDD
18	62	N	PDD
24	62	N	PDD
25	62	N	PDD
13	63	N	PDD
21	63	N	NDD
22	63	N	PDD
23	63	N	PDD
13	64	N	NDD
14	64	N	PDD
16	64	40	NDD
19	64	N	PDD
23	64	N	PDD
04	65	40	NDD
11	65	N	PDD
12	65	N	PDD

YORK POWER AUTHORITY
INDIAN POINT-3 NUCLEAR POWER PLANT
MID-CYCLE OUTAGE - OCTOBER 1984
STEAM GENERATOR INSPECTION PLAN - EDDY CURRENT TESTING

Steam Generator No.: 34

Leg: Cold

1982 ECT Results

ROW	COLUMN	SLEEVE LENGTH,-IN.	TUBE STATUS
18	65	N	PDD
20	65	N	PDD
22	65	N	PDD
23	65	N	PDD
07	66	N	PDD
13	66	40	NDD
19	66	N	PDD
22	66	N	PDD
02	67	40	NDD
04	67	N	NDD
18	67	N	PDD
20	67	N	PDD
21	67	N	PDD
22	67	N	PDD
12	68	N	PDD
16	68	N	PDD
18	68	N	PDD
06	69	40	NDD
13	69	N	PDD
16	69	N	PDD
20	69	N	PDD
03	70	N	PDD
13	70	N	PDD
02	71	N	PDD
03	71	40	NDD
08	71	N	PDD
10	71	N	PDD
14	71	36	NDD
18	71	N	PDD
06	72	N	PDD
12	72	36	NDD
14	72	N	PDD
03	73	N	PDD
07	73	N	PDD
09	73	N	PDD
10	73	N	PDD
12	73	36	NDD
03	74	N	PDD
05	74	N	PDD
10	74	N	PDD
15	74	N	PDD
06	75	N	PDD
07	75	N	PDD
05	76	N	PDD
07	76	N	PDD
33	76	N	NDD
08	77	N	PDD
13	78	N	NDD
08	90	N	NDD
10	91	N	PDD

ATTACHMENT 2 TO IPN-84-38

GIRTH WELD INSPECTION PROGRAM

NEW YORK POWER AUTHORITY
INDIAN POINT 3 NUCLEAR POWER PLANT
DOCKET No. 50-286

MI[illegible]YCLE AUGMENTED INSPECTION PLA[illegible]
FOR STEAM GENERATOR GIRTH WELDS

As specified in the Indian Point 3 Technical Specification, Section 4.2, Table 4.2-1, the following areas have been selected for this augmented examination:

Steam Generator	Location on Circumference	Segment Location
31	204" clockwise to 239" from 0 Reference	17-20
32	316" clockwise to 334" from 0 Reference	26-28
	348" clockwise to 365" from 0 Reference	29-31
33	360" clockwise to 395" from 0 Reference	30-33
34	0 Reference clockwise to 18"	0-2
	505" clockwise to 522" from 0 Reference	42-0
	168" clockwise to 203" from 0 Reference	14-17

Procedure: Ultrasonic examination will be performed in accordance with Authority nondestructive testing procedure NDEP 9.4-9, Revision 0, "Manual Ultrasonic Examination of Circumferential and Longitudinal Butt Welds in Ferritic Vessels of 2 1/2" Thickness and Greater." Search will be in the vertical plane using 45° angle shear waves.

Evaluation: The results of the augmented inspection will be compared to previously documented baseline inspection results obtained at the completion of the girth weld repair. Acceptance criteria will be in accordance with ASME Code Section XI, 1974 edition, Summer 1975 addenda.