



Consolidated Edison Company of New York, Inc.  
4 Irving Place, New York, N Y 10003

Indian Point Station  
August 10, 1978  
File No. 4-879a-

RECEIVED DISTRIBUTION  
SERVICES UNIT

3,247,284

Mr. Peter A. A. Berle, Commissioner  
New York State Department of  
Environmental Conservation  
Albany, New York 12201

Dear Mr. Berle:

Attached is the data specified in Section 401 Certification for  
the month of July, 1978. Circulators at Unit 3 were shutdown  
for the entire month.

Very truly yours,

CONSOLIDATED EDISON COMPANY  
OF NEW YORK, INC.

*William A. Monti*  
William A. Monti, Acting Manager  
Nuclear Power Generation Dept.  
Indian Point Station  
Buchanan, New York 10511

Attach.  
EE/daf

cc/ Mr. Richard Baker (IP-2-NY 0004472 & IP-3-NY 0027605)  
Mr. Harvey Lunenfeld  
→ Mr. Edson G. Case  
Mr. Boyce H. Grier  
Mr. John Blake

RECEIVED  
AUG 14 1978  
INDIAN POINT STATION

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8111110846 780810  
PDR ADOCK 05000003  
R PDR

A007  
ES 111

JULY 1978  
INDIAN POINT STATION  
DAILY FISH COUNTS FROM INTAKE SCREENS  
UNIT NO. 2

| DATE   | 01 | 02    | 04  | 06 | 07 | 10  | 11 | 12 | 13  | 14 | 15 | 19 | 22 | 25   | 28 | 29 | 30   | 32    | 34 | 35   | 39 | 41 | 45   | 50   | 52 | 71 | 72 | 92    | 93   | 94   | TOTAL<br>NUMBER | TOTAL<br>WT(LB) |
|--------|----|-------|-----|----|----|-----|----|----|-----|----|----|----|----|------|----|----|------|-------|----|------|----|----|------|------|----|----|----|-------|------|------|-----------------|-----------------|
| 1      |    | 32    | 6   |    |    | 2   |    |    | 10  |    |    |    |    | 23   |    |    |      | 65    |    |      |    |    |      | 50   | 1  |    |    |       |      |      | 189             | 1.              |
| 2      |    | 6     | 1   |    | 1  |     |    |    | 2   |    |    | 1  |    | 7    |    |    | 2    | 15    |    | 1    |    |    |      | 13   |    |    |    |       |      |      | 50              | 0.              |
| 3      | 1  | 7     | 2   |    |    | 1   |    |    | 11  | 1  |    |    |    | 3    |    |    |      | 11    | 2  | 3    |    |    |      | 19   |    |    |    |       |      |      | 91              | 1.              |
| 4      |    | 20    | 2   |    | 3  |     |    |    | 10  |    |    |    |    | 9    |    |    |      | 33    |    | 1    |    |    |      | 17   |    |    |    |       |      |      | 91              | 0.              |
| 5      |    | 177   | 9   |    | 1  | 2   |    |    | 24  |    |    |    | 1  | 73   |    |    | 3    | 25    | 1  | 4    |    |    |      |      |    |    |    |       | 25   | 1    | 346             | 1.              |
| 6      | 1  | 40    | 2   |    |    |     |    |    | 6   |    |    |    |    | 31   |    |    | 1    | 5     | 1  | 2    |    |    |      | 5    |    |    |    |       | 6    | 3    | 103             | 1.              |
| 7      | 2  | 40    | 2   |    | 1  | 3   | 1  |    | 5   |    |    | 2  |    | 23   |    |    |      | 3     | 1  | 5    |    |    |      | 17   |    |    |    |       | 12   | 8    | 125             | 3.              |
| 8      | 1  | 15    | 1   |    |    | 2   |    |    | 2   |    |    | 1  |    | 3    |    |    |      |       |    | 1    |    |    |      | 1    |    |    |    |       | 3    | 13   | 43              | 1.              |
| 9      |    | 81    | 2   |    |    | 1   |    |    | 11  |    |    | 2  |    | 2    |    |    |      | 21    |    | 1    |    |    |      | 17   |    |    |    |       | 10   |      | 148             | 1.              |
| 10     |    | 35    |     |    |    | 4   |    |    | 13  |    |    |    |    | 14   |    |    | 5    | 46    | 1  | 2    |    |    |      | 15   |    |    |    |       | 11   | 22   | 168             | 2.              |
| 11     | 1  | 196   | 2   |    |    | 6   |    | 1  | 55  |    |    | 6  |    | 174  |    |    | 23   | 188   |    | 10   |    |    |      | 54   |    |    |    | 13    | 31   | 95   | 946             | 7.              |
| 12     | 2  | 73    | 2   |    | 1  | 3   |    |    | 15  | 1  |    | 1  |    | 91   |    |    | 29   | 98    |    | 4    |    |    |      | 4    |    | 1  |    | 7     | 14   | 56   | 402             | 3.              |
| 13     | 1  | 119   |     |    |    | 4   |    |    | 14  |    |    | 5  |    | 95   |    |    | 37   | 359   |    | 15   |    |    |      | 32   |    |    |    | 22    | 4    | 59   | 766             | 8.              |
| 14     | 1  | 116   | 4   |    |    | 8   |    |    | 19  |    |    | 1  |    | 60   |    |    | 28   | 213   |    | 6    |    |    | 2    | 14   |    |    |    | 55    | 16   | 61   | 605             | 6.              |
| 15     |    | 117   | 4   |    | 1  | 3   |    |    | 2   |    |    | 1  | 1  | 45   |    |    | 9    | 131   |    | 6    |    |    |      | 3    |    |    |    | 52    | 11   | 21   | 408             | 5.              |
| 16     | 2  | 542   | 10  |    | 2  | 2   |    |    | 21  |    |    | 1  |    | 143  |    |    | 43   | 576   |    | 8    |    |    | 5    |      |    |    |    | 1492  | 63   | 98   | 3008            | 15.             |
| 17     | 2  | 1741  | 20  |    |    | 1   |    |    | 21  |    |    | 3  | 1  | 94   |    |    | 87   | 773   |    | 10   |    |    | 71   | 43   |    |    |    | 1261  | 224  | 151  | 4503            | 24.             |
| 18     | 4  | 3696  | 28  |    |    | 9   |    | 1  | 48  | 1  |    | 3  | 2  | 450  |    |    | 175  | 1809  |    | 38   |    |    | 256  | 2477 | 1  |    |    | 6475  | 131  | 251  | 15915           | 63.             |
| 19     | 2  | 1498  | 16  |    |    | 5   |    |    | 14  |    |    | 1  |    | 244  |    | 1  | 92   | 912   |    | 14   |    |    | 295  | 68   |    |    |    | 1857  | 69   | 286  | 5374            | 28.             |
| 20     | 1  | 1800  | 15  |    |    | 6   |    |    | 17  |    |    | 1  | 1  | 700  | 1  |    | 179  | 1376  |    | 42   |    |    | 709  | 230  |    |    |    | 1495  | 217  | 344  | 7135            | 38.             |
| 21     |    | 1176  | 17  |    | 1  | 4   |    |    | 30  | 2  |    | 2  | 1  | 408  | 1  |    | 131  | 1100  |    | 43   |    |    | 707  | 61   |    |    |    | 1200  | 298  | 295  | 5477            | 35.             |
| 22     |    | 714   | 11  |    |    |     |    |    | 15  |    |    | 1  |    | 105  |    |    | 92   | 697   |    | 21   |    |    | 313  | 30   |    |    |    | 973   | 181  | 114  | 3347            | 20.             |
| 23     | 1  | 1199  | 13  |    |    | 2   |    |    | 22  |    |    | 1  | 1  | 767  |    |    | 204  | 1401  |    | 59   | 1  |    | 375  | 608  |    |    |    | 2710  | 223  | 231  | 7808            | 39.             |
| 24     |    | 324   |     |    |    | 6   |    |    | 3   | 1  |    |    |    | 157  |    |    | 53   | 678   |    | 50   |    |    | 51   | 16   |    | 1  |    | 516   | 89   | 66   | 2011            | 18.             |
| 25     | 3  | 1380  | 7   |    |    | 10  |    |    | 23  |    |    | 1  |    | 253  | 1  |    | 295  | 1355  |    | 84   |    |    | 652  | 410  |    |    |    | 2856  | 400  | 120  | 7850            | 37.             |
| 26     |    | 1209  | 14  |    | 1  | 4   |    |    | 30  | 1  |    | 1  | 1  | 214  |    |    | 223  | 1028  |    | 96   | 1  |    | 904  | 33   |    |    |    | 1372  | 327  | 125  | 5534            | 30.             |
| 27     | 2  | 1015  | 17  | 1  |    | 4   |    |    | 51  |    |    | 1  | 1  | 240  |    |    | 206  | 147   |    | 747  |    | 1  | 882  | 85   |    |    |    | 1170  | 281  | 94   | 4               | 31.             |
| 28     |    | 1466  | 11  |    |    | 2   |    |    | 23  |    | 1  | 2  |    | 161  |    |    | 190  | 1453  |    | 279  |    |    | 671  | 25   |    |    |    | 802   | 272  | 75   | 5               | 35.             |
| 29     |    | 1655  | 5   |    |    | 4   |    |    | 23  |    |    |    |    | 87   |    |    | 170  | 1351  | 1  | 302  |    |    | 187  | 300  |    |    |    | 1184  | 149  | 71   | 5489            | 33.             |
| 30     |    | 2928  | 16  |    |    | 6   |    |    | 45  |    |    | 1  |    | 44   |    |    | 250  | 1634  | 1  | 511  | 1  | 1  | 252  | 245  |    |    |    | 1983  | 215  | 137  | 8270            | 51.             |
| 31     |    | 597   | 19  |    |    | 1   |    |    | 8   |    |    |    |    | 5    | 1  |    | 96   | 389   |    | 310  |    |    | 83   | 22   |    |    |    | 368   | 113  | 53   | 2065            | 14.             |
| TOTALS | 27 | 24003 | 318 | 1  | 12 | 105 | 1  | 2  | 593 | 7  | 1  | 38 | 11 | 4806 | 4  | 2  | 2623 | 17893 | 9  | 2675 | 3  | 2  | 6415 | 4914 | 1  | 1  | 2  | 27865 | 3395 | 2851 | 98580           | 562             |

SEE ATTACHED SHEET FOR SPECIES IDENTIFICATION.

## SPECIES CODE LIST

|  |   |
|--|---|
| 01 Alewife   | 49 Lookdown                                 |
| 02 Bay Anchovy                                     | 50 Clupeid Unidentified                     |
| 03 American Shad                                   | 53 Grass Pickerel                           |
| 04 Bluefish  | 54 Sea Horse                                |
| 05 Bluegill  | 55 Logperch                                 |
| 06 Brown Bullhead                                  | 56 Trout Perch                              |
| 07 Pumpkinseed                                     | 57 Northern Hogsucker                       |
| 08 Black Crappie                                   | 58 Fathead Minnow                           |
| 09 Carp  | 59 Cyprinid, Unidentified                   |
| 10 American Eel                                    | 60 Morone (Unidentified)                    |
| 11 Goldfish  | 61 Rock Bass                                |
| 12 Golden Shiner                                   | 62 Tautog                                   |
| 13 Hogchoker                                       | 63 Deer Bowfin & Rockling                   |
| 14 Tautog  | 64 Striped Bass                             |
| 15 Banded Killifish                                | 66 King Fish                                |
| 16 Emerald Shiner ( <u>Notropis atherinoides</u> ) | 67 Spot                                     |
| 17 Largemouth Bass                                 | 68 Moonfish                                 |
| 18 Mummichog                                       | 69 Brook Stickleback                        |
| 19 Atlantic Menhaden                               | 71 Northern Porgy                           |
| 20 Chain Pickerel                                  | 72 Winter Flounder                          |
| 21 Blueback Herring                                | 73 Tidewater Silverside                     |
| 22 White Sucker                                    | 74 Sea Lamprey                              |
| 23 Atlantic Silverside                             | 75 Gizzard Shad                             |
| 24 Rainbow Smelt                                   | 76 Silver Hake                              |
| 25 Smallmouth Bass                                 | 77 Striped Mullet                           |
| 26 Shortnose Sturgeon                              | 78 Threespine Stickleback                   |
| 27 Spottail Shiner ( <u>Notropis hudsonius</u> )   | 79 Brown Trout                              |
| 28 Atlantic Sturgeon                               | 80 Butterfish                               |
| 29 Striped Bass                                    | 81 White Crappie                            |
| 30 Fourspine Stickleback                           | 82 Brook Trout                              |
| 31 Atlantic Tomcod                                 | 83 Northern Pike                            |
| 32 Unidentifiable                                  | 84 Green Sunfish                            |
| 33 White Catfish                                   | 85 Silver Perch                             |
| 34 White Perch                                     | 86 Northern Puffer                          |
| 35 Yellow Perch                                    | 87 Blacknose Dace                           |
| 36 Satinfin Shiner ( <u>Notropis analostanus</u> ) | 88 Bridle Shiner ( <u>N. bifrenatus</u> )   |
| 37 Rock Bass                                       | 90 Cutlips Minnow                           |
| 38 Northern Pipefish                               | 91 Yearling Striped Bass                    |
| 39 Redbreast Sunfish                               | 92 YOY Blueback Herring                     |
| 40 Atlantic Needlefish (Silver Gar)                | 93 YOY American Shad                        |
| 41 Crevalle Jack                                   | 94 YOY Alewife                              |
| 42 Silvery Minnow                                  | 95 Yearling White Perch                     |
| 43 Fallfish  | 96 Centrarchid Unidentified                 |
| 44 Weakfish  | 97 Spottail Shiner                          |
| 45 Comely Shiner ( <u>N. amoenus</u> )             | 98 Squirrel Hake, Red Hake ( <u>U. chur</u> |
| 46 Common Shiner ( <u>N. cornutus</u> )            | 99 Others                                   |
| 47 Mimic Shiner ( <u>N. volcellus</u> )            |   |

## UNIT NOS. 1,2,3 CIRC. WATER TEMP.

July 1978

| DATE | Inlet |      |      | Outlet |      |      |
|------|-------|------|------|--------|------|------|
|      | MIN.  | MAX. | AVG. | MIN.   | MAX. | AVG. |
| 1    | 74.4  | 76.2 | 75.3 | 91.0   | 92.3 | 91.8 |
| 2    | 74.6  | 76.8 | 75.5 | 91.0   | 92.3 | 91.7 |
| 3    | 74.8  | 75.6 | 75.0 | 90.8   | 91.7 | 91.2 |
| 4    | 73.4  | 75.0 | 74.0 | 90.0   | 91.3 | 90.4 |
| 5    | 71.5  | 74.5 | 72.9 | 88.8   | 90.8 | 90.0 |
| 6    | 72.5  | 74.8 | 73.6 | 88.3   | 91.4 | 89.7 |
| 7    | 72.5  | 75.0 | 73.3 | 73.4   | 90.7 | 84.2 |
| 8    | 72.7  | 74.5 | 73.7 | 91.2   | 93.5 | 92.3 |
| 9    | 73.5  | 76.2 | 74.8 | 92.3   | 94.3 | 93.4 |
| 10   | 74.5  | 77.0 | 75.7 | 93.0   | 95.4 | 94.1 |
| 11   | 74.0  | 78.0 | 76.2 | 93.3   | 95.6 | 94.4 |
| 12   | 74.0  | 77.8 | 76.1 | 93.8   | 95.8 | 94.8 |
| 13   | 75.0  | 78.5 | 76.6 | 91.0   | 96.2 | 94.4 |
| 14   | 75.8  | 77.5 | 76.7 | 94.4   | 99.0 | 96.0 |
| 15   | 76.0  | 78.0 | 77.0 | 97.6   | 99.3 | 98.6 |
| 16   | 76.0  | 78.0 | 77.1 | 94.4   | 99.7 | 95.7 |
| 17   | 76.0  | 78.5 | 77.0 | 91.5   | 95.5 | 94.0 |
| 18   | 76.5  | 78.5 | 77.5 | 91.1   | 93.3 | 92.2 |
| 19   | 77.0  | 79.0 | 77.7 | 91.5   | 94.5 | 92.6 |
| 20   | 77.0  | 79.0 | 78.0 | 92.0   | 94.5 | 93.1 |
| 21   | 77.5  | 80.0 | 79.1 | 92.0   | 95.5 | 93.9 |
| 22   | 78.0  | 82.0 | 79.1 | 93.0   | 96.5 | 94.6 |
| 23   | 79.0  | 81.0 | 80.0 | 93.2   | 95.8 | 94.7 |
| 24   | 78.0  | 82.0 | 80.5 | 93.4   | 99.0 | 95.5 |
| 25   | 80.0  | 82.0 | 80.8 | 93.2   | 95.7 | 94.9 |
| 26   | 79    | 82.0 | 80.5 | 93.6   | 96.2 | 94.9 |
| 27   | 79    | 82.0 | 80.8 | 93.9   | 95.6 | 94.7 |
| 28   | 77.5  | 82.0 | 79.6 | 79.2   | 95.6 | 88.4 |
| 29   | 78.0  | 78.0 | 78.0 | 78.2   | 79.0 | 78.7 |
| 30   | 77.5  | 78.0 | 77.5 | 78.0   | 78.4 | 78.3 |
| 31   | 76.8  | 80.0 | 78.1 | 78.2   | 98.2 | 91.4 |

## Unit No. 2 Electrical Output

July 1978

| Date | Kilowatts |         |         | Gross         |
|------|-----------|---------|---------|---------------|
|      | Minimum   | Maximum | Avg.    | Kilowatt Hrs. |
| 1    | 875,000   | 875,000 | 860,833 | 20,660,000    |
| 2    | 865,000   | 875,000 | 860,000 | 20,640,000    |
| 3    | 870,000   | 875,000 | 867,083 | 20,810,000    |
| 4    | 875,000   | 875,000 | 867,500 | 20,820,000    |
| 5    | 875,000   | 875,000 | 867,500 | 20,820,000    |
| 6    | 875,000   | 875,000 | 866,250 | 20,790,000    |
| 7    | 0         | 875,000 | 522,083 | 12,530,000    |
| 8    | 865,000   | 870,000 | 858,333 | 20,600,000    |
| 9    | 870,000   | 870,000 | 864,167 | 20,740,000    |
| 10   | 870,000   | 875,000 | 868,333 | 20,840,000    |
| 11   | 875,000   | 880,000 | 866,250 | 20,790,000    |
| 12   | 875,000   | 880,000 | 866,250 | 20,790,000    |
| 13   | 865,000   | 880,000 | 864,167 | 20,740,000    |
| 14   | 850,000   | 870,000 | 857,083 | 20,570,000    |
| 15   | 850,000   | 850,000 | 847,500 | 20,340,000    |
| 16   | 860,000   | 870,000 | 858,333 | 20,600,000    |
| 17   | 870,000   | 870,000 | 853,750 | 20,490,000    |
| 18   | 870,000   | 870,000 | 869,583 | 20,870,000    |
| 19   | 870,000   | 870,000 | 853,333 | 20,480,000    |
| 20   | 860,000   | 870,000 | 856,250 | 20,550,000    |
| 21   | 860,000   | 870,000 | 859,167 | 20,620,000    |
| 22   | 860,000   | 865,000 | 852,500 | 20,460,000    |
| 23   | 860,000   | 865,000 | 859,167 | 20,620,000    |
| 24   | 780,000   | 865,000 | 865,250 | 20,550,000    |
| 25   | 860,000   | 860,000 | 847,500 | 20,340,000    |
| 26   | 700,000   | 860,000 | 852,083 | 20,450,000    |
| 27   | 860,000   | 860,000 | 844,583 | 20,270,000    |
| 28   | 0         | 860,000 | 510,833 | 12,260,000    |
| 29   | 0         | 0       | 0       | 0             |
| 30   | 0         | 0       | 0       | 0             |
| 31   | 0         | 840,000 | 563,333 | 13,520,000    |

## Unit No. 3 Electrical Output

July 1978

| Date | Kilowatts |         |      | Gross         |
|------|-----------|---------|------|---------------|
|      | Minimum   | Maximum | Avg. | Kilowatt Hrs. |
| 1    | 0         | 0       | 0    | 0             |
| 2    | 0         | 0       | 0    | 0             |
| 3    | 0         | 0       | 0    | 0             |
| 4    | 0         | 0       | 0    | 0             |
| 5    | 0         | 0       | 0    | 0             |
| 6    | 0         | 0       | 0    | 0             |
| 7    | 0         | 0       | 0    | 0             |
| 8    | 0         | 0       | 0    | 0             |
| 9    | 0         | 0       | 0    | 0             |
| 10   | 0         | 0       | 0    | 0             |
| 11   | 0         | 0       | 0    | 0             |
| 12   | 0         | 0       | 0    | 0             |
| 13   | 0         | 0       | 0    | 0             |
| 14   | 0         | 0       | 0    | 0             |
| 15   | 0         | 0       | 0    | 0             |
| 16   | 0         | 0       | 0    | 0             |
| 17   | 0         | 0       | 0    | 0             |
| 18   | 0         | 0       | 0    | 0             |
| 19   | 0         | 0       | 0    | 0             |
| 20   | 0         | 0       | 0    | 0             |
| 21   | 0         | 0       | 0    | 0             |
| 22   | 0         | 0       | 0    | 0             |
| 23   | 0         | 0       | 0    | 0             |
| 24   | 0         | 0       | 0    | 0             |
| 25   | 0         | 0       | 0    | 0             |
| 26   | 0         | 0       | 0    | 0             |
| 27   | 0         | 0       | 0    | 0             |
| 28   | 0         | 0       | 0    | 0             |
| 29   | 0         | 0       | 0    | 0             |
| 30   | 0         | 0       | 0    | 0             |
| 31   | 0         | 0       | 0    | 0             |

Unit No. 1 River Water Discharge  
July 1978

| DATE | Circulator 11 |      |      |      | Circulator 12 |     |      |      | AVG. TOTAL UNIT<br>DISCH., GPM X10 <sup>3</sup> |
|------|---------------|------|------|------|---------------|-----|------|------|---|
|      | ON            | OFF  | HRS. | FLOW | ON            | OFF | HRS. | FLOW |   |
| 1    |               |      | 0    | 100  |               |     | 0    | 82   | 19.0  |
| 2    |               |      | 0    |      |               |     |      |      |   |
| 3    |               |      | 0    |      |               |     |      |      |   |
| 4    |               |      | 0    |      |               |     |      |      | 19.0  |
| 5    | 0830          |      | 1530 |      |               |     |      |      | 110.0   |
| 6    |               |      | 24   |      |               |     |      |      | 159.0   |
| 7    |               | 1100 | 1100 |      |               |     |      |      | 33.4  |
| 8    |               |      | 0    |      |               |     |      |      | 19.0  |
| 9    |               |      | 0    |      |               |     |      |      | 19.0  |
| 10   |               |      | 0    |      |               |     |      |      | 19.0  |
| 11   |               |      | 0    |      |               |     |      |      | 19.0  |
| 12   |               |      | 0    |      |               |     |      |      | 19.0  |
| 13   | 0830          | 1304 | 4:34 |      |               |     |      |      | 45.6  |
| 14   |               |      | 0    |      |               |     |      |      | 19.0  |
| 15   |               |      | 0    |      |               |     |      |      | 19.0  |
| 16   |               |      | 0    |      |               |     |      |      | 19.0  |
| 17   | 1700          |      | 7:00 |      |               |     |      |      | 59.8  |
| 18   |               |      | 24   |      |               |     |      |      | 159.0   |
| 19   |               |      |      |      |               |     |      |      | 159.0   |
| 20   |               |      |      |      |               |     |      |      | 159.0   |
| 21   |               |      |      |      |               |     |      |      | 160.2   |
| 22   |               |      |      |      |               |     |      |      | 161.8   |
| 23   |               |      |      |      |               |     |      |      | 159.0   |
| 24   |               |      |      |      |               |     |      |      | 159.0   |
| 25   |               |      |      |      |               |     |      |      | 159.0   |
| 26   |               |      | ✓    |      |               |     |      |      | 159.0   |
| 27   |               |      | 24   |      |               |     |      |      | 159.0   |
| 28   |               | 1735 | 1735 |      |               |     |      |      | 121.2   |
| 29   |               |      | 0    |      |               |     |      |      | 19.0  |
| 30   |               |      | 0    |      |               |     | ✓    |      | 19.0  |
| 31   | 1500          |      | 8:34 |      |               |     | 0    |      | 70.8  |

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

[illegible]



Unit No. 2 River Water Discharge  
July 1978

| DATE | Circulator 23 |     |      |       | Circulator 24 |      |      |       |
|------|---------------|-----|------|-------|---------------|------|------|-------|
|      | ON            | OFF | HRS. | %FLOW | ON            | OFF  | HRS. | %FLOW |
| 1    |               |     | 24   | 100   |               |      | 24   | 100   |
| 2    |               |     |      |       |               |      |      |       |
| 3    |               |     |      |       |               |      |      |       |
| 4    |               |     |      |       |               |      |      |       |
| 5    |               |     |      |       |               |      |      |       |
| 6    |               |     |      |       |               |      |      |       |
| 7    |               |     |      |       |               |      |      |       |
| 8    |               |     |      |       |               |      |      |       |
| 9    |               |     |      |       |               |      |      |       |
| 10   |               |     |      |       |               |      |      |       |
| 11   |               |     |      |       |               |      |      |       |
| 12   |               |     |      |       |               |      | ✓    |       |
| 13   |               |     |      |       |               |      | 24   |       |
| 14   |               |     |      |       |               |      | 1740 | 1740  |
| 15   |               |     |      |       |               |      | 0    |       |
| 16   |               |     |      |       | 0300          |      | 2100 |       |
| 17   |               |     |      |       |               |      | 24   |       |
| 18   |               |     |      |       |               |      |      |       |
| 19   |               |     |      |       |               |      |      |       |
| 20   |               |     |      |       |               |      |      |       |
| 21   |               |     |      |       |               |      |      |       |
| 22   |               |     |      |       |               |      |      |       |
| 23   |               |     |      |       |               |      |      |       |
| 24   |               |     |      |       |               |      |      |       |
| 25   |               |     |      |       |               |      |      |       |
| 26   |               |     |      |       |               |      |      |       |
| 27   |               |     |      |       |               |      | ✓    |       |
| 28   |               |     |      |       | 1830          | 1725 | 2255 |       |
| 29   |               |     |      |       |               |      | 24   |       |
| 30   |               |     | ✓    |       |               |      | 24   |       |
| 31   |               |     | 24   |       |               |      | 24   |       |

# River Water Discharge

July 1978

| DATE | Circulator 25 |     |      |      | Circulator 26 |      |      |      |
|------|---------------|-----|------|------|---------------|------|------|------|
|      | ON            | OFF | HRS. | FLOW | ON            | OFF  | HRS. | FLOW |
| 1    |               |     | 24   | 100  |               |      | 24   | 100  |
| 2    |               |     |      |      |               |      |      |      |
| 3    |               |     |      |      |               |      |      |      |
| 4    |               |     |      |      |               |      |      |      |
| 5    |               |     |      |      |               |      |      |      |
| 6    |               |     |      |      |               |      |      |      |
| 7    |               |     |      |      |               |      |      |      |
| 8    |               |     |      |      |               |      |      |      |
| 9    |               |     |      |      |               |      |      |      |
| 10   |               |     |      |      |               |      |      |      |
| 11   |               |     |      |      |               |      |      |      |
| 12   |               |     |      |      |               |      |      |      |
| 13   |               |     |      |      |               |      |      |      |
| 14   |               |     |      |      |               |      |      |      |
| 15   |               |     |      |      |               |      |      |      |
| 16   |               |     |      |      |               |      |      |      |
| 17   |               |     |      |      |               |      |      |      |
| 18   |               |     |      |      |               |      |      |      |
| 19   |               |     |      |      |               |      |      |      |
| 20   |               |     |      |      |               |      |      |      |
| 21   |               |     |      |      |               |      |      |      |
| 22   |               |     |      |      |               |      |      |      |
| 23   |               |     |      |      |               |      |      |      |
| 24   |               |     |      |      |               |      |      |      |
| 25   |               |     |      |      |               |      |      |      |
| 26   |               |     |      |      |               |      |      |      |
| 27   |               |     |      |      |               |      |      |      |
| 28   |               |     |      |      |               |      |      |      |
| 29   |               |     |      |      |               |      |      |      |
| 30   |               |     | Y    |      |               |      | 24   |      |
| 31   |               |     | 24   |      | 2020          | 0240 | 6:20 |      |

Unit No. 3 River Water Discharge  
July 1978

| DATE | Circulator 31 |     |      |       | Circulator 32 |     |      |       | AVG. TOTAL |     |
|------|---------------|-----|------|-------|---------------|-----|------|-------|------------|-----|
|      | ON            | OFF | HRS. | SPLOE | ON            | OFF | HRS. | SPLOE | DISCH.     | OFF |
| 1    |               |     | 0    | 100   |               |     | 0    | 100   | 10.0       |     |
| 2    |               |     |      |       |               |     |      |       |            |     |
| 3    |               |     |      |       |               |     |      |       |            |     |
| 4    |               |     |      |       |               |     |      |       |            |     |
| 5    |               |     |      |       |               |     |      |       |            |     |
| 6    |               |     |      |       |               |     |      |       |            |     |
| 7    |               |     |      |       |               |     |      |       |            |     |
| 8    |               |     |      |       |               |     |      |       |            |     |
| 9    |               |     |      |       |               |     |      |       |            |     |
| 10   |               |     |      |       |               |     |      |       |            |     |
| 11   |               |     |      |       |               |     |      |       |            |     |
| 12   |               |     |      |       |               |     |      |       |            |     |
| 13   |               |     |      |       |               |     |      |       |            |     |
| 14   |               |     |      |       |               |     |      |       |            |     |
| 15   |               |     |      |       |               |     |      |       |            |     |
| 16   |               |     |      |       |               |     |      |       | 10.0       |     |
| 17   |               |     |      |       |               |     |      |       | 14.2       |     |
| 18   |               |     |      |       |               |     |      |       | 15.0       |     |
| 19   |               |     |      |       |               |     |      |       |            |     |
| 20   |               |     |      |       |               |     |      |       |            |     |
| 21   |               |     |      |       |               |     |      |       |            |     |
| 22   |               |     |      |       |               |     |      |       |            |     |
| 23   |               |     |      |       |               |     |      |       |            |     |
| 24   |               |     |      |       |               |     |      |       |            |     |
| 25   |               |     |      |       |               |     |      |       |            |     |
| 26   |               |     |      |       |               |     |      |       |            |     |
| 27   |               |     |      |       |               |     |      |       |            |     |
| 28   |               |     |      |       |               |     |      |       |            |     |
| 29   |               |     |      |       |               |     |      |       | 15.0       |     |
| 30   |               |     |      |       |               |     |      |       | 13.0       |     |
| 31   |               |     | 0    |       |               |     | 0    |       | 10.0       |     |

# River Water Discharge

July 1978

| Circulator 33 |    |     |      |       | Circulator 34 |     |      |       |  |
|---------------|----|-----|------|-------|---------------|-----|------|-------|--|
| DATE          | ON | OFF | HRS. | %FLOW | ON            | OFF | HRS. | %FLOW |  |
| 1             |    |     | 0    | 100   |               |     | 0    | 100   |  |
| 2             |    |     |      |       |               |     |      |       |  |
| 3             |    |     |      |       |               |     |      |       |  |
| 4             |    |     |      |       |               |     |      |       |  |
| 5             |    |     |      |       |               |     |      |       |  |
| 6             |    |     |      |       |               |     |      |       |  |
| 7             |    |     |      |       |               |     |      |       |  |
| 8             |    |     |      |       |               |     |      |       |  |
| 9             |    |     |      |       |               |     |      |       |  |
| 10            |    |     |      |       |               |     |      |       |  |
| 11            |    |     |      |       |               |     |      |       |  |
| 12            |    |     |      |       |               |     |      |       |  |
| 13            |    |     |      |       |               |     |      |       |  |
| 14            |    |     |      |       |               |     |      |       |  |
| 15            |    |     |      |       |               |     |      |       |  |
| 16            |    |     |      |       |               |     |      |       |  |
| 17            |    |     |      |       |               |     |      |       |  |
| 18            |    |     |      |       |               |     |      |       |  |
| 19            |    |     |      |       |               |     |      |       |  |
| 20            |    |     |      |       |               |     |      |       |  |
| 21            |    |     |      |       |               |     |      |       |  |
| 22            |    |     |      |       |               |     |      |       |  |
| 23            |    |     |      |       |               |     |      |       |  |
| 24            |    |     |      |       |               |     |      |       |  |
| 25            |    |     |      |       |               |     |      |       |  |
| 26            |    |     |      |       |               |     |      |       |  |
| 27            |    |     |      |       |               |     |      |       |  |
| 28            |    |     |      |       |               |     |      |       |  |
| 29            |    |     |      |       |               |     |      |       |  |
| 30            |    |     |      |       |               |     |      |       |  |
| 31            |    |     | 0    |       |               |     | 0    |       |  |

## Unit No.3 River Water Discharge

July 1978

| Circulator 35 |    |     |      | Circulator 36 |    |     |      |       |
|---------------|----|-----|------|---------------|----|-----|------|-------|
| DATE          | ON | OFF | HRS. | %FLOW         | ON | OFF | HRS. | %FLOW |
| 1             |    |     | 0    | 100           |    |     | 0    | 100   |
| 2             |    |     |      |               |    |     |      |       |
| 3             |    |     |      |               |    |     |      |       |
| 4             |    |     |      |               |    |     |      |       |
| 5             |    |     |      |               |    |     |      |       |
| 6             |    |     |      |               |    |     |      |       |
| 7             |    |     |      |               |    |     |      |       |
| 8             |    |     |      |               |    |     |      |       |
| 9             |    |     |      |               |    |     |      |       |
| 10            |    |     |      |               |    |     |      |       |
| 11            |    |     |      |               |    |     |      |       |
| 12            |    |     |      |               |    |     |      |       |
| 13            |    |     |      |               |    |     |      |       |
| 14            |    |     |      |               |    |     |      |       |
| 15            |    |     |      |               |    |     |      |       |
| 16            |    |     |      |               |    |     |      |       |
| 17            |    |     |      |               |    |     |      |       |
| 18            |    |     |      |               |    |     |      |       |
| 19            |    |     |      |               |    |     |      |       |
| 20            |    |     |      |               |    |     |      |       |
| 21            |    |     |      |               |    |     |      |       |
| 22            |    |     |      |               |    |     |      |       |
| 23            |    |     |      |               |    |     |      |       |
| 24            |    |     |      |               |    |     |      |       |
| 25            |    |     |      |               |    |     |      |       |
| 26            |    |     |      |               |    |     |      |       |
| 27            |    |     |      |               |    |     |      |       |
| 28            |    |     |      |               |    |     |      |       |
| 29            |    |     |      |               |    |     |      |       |
| 30            |    |     | ✓    |               |    |     | ✓    |       |
| 31            |    |     | 0    | 100           |    |     | 0    |       |

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

August 7, 1978

↓  
Docket No. 50-247 & 50-286

Addressees: See next page

Subject: INDIAN POINT, UNIT NOS. 2 & 3

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- ☐ Notice of Receipt of Application.
- ☐ Draft/Final Environmental Statement, dated \_\_\_\_\_.
- ☐ Safety Evaluation, or Supplement No. \_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Notice of Hearing on Application for Construction Permit.
- ☐ Notice of Consideration of Issuance of Facility Operating License.
- ☐ Application and Safety Analysis Report, Vol. \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to Application/SAR, dated \_\_\_\_\_.
- ☐ Construction Permit No. CPPR-\_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Facility Operating License No. DPR-\_\_\_\_\_, NPF-\_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to CPPR-\_\_\_\_\_ or DRR-\_\_\_\_\_, dated \_\_\_\_\_.
- ☒ Other: 1) ConEd ltr dtd 7/15/78 fwdg fish data for June 1978.
- ☐ \_\_\_\_\_

Office of Nuclear Reactor Regulation

Enclosures:  
As stated

cc:

bcc: H. E. Zittel, ORNL

Enviro2

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|-----------|---------------------|--|--|--|--|--|
| OFFICE ▶  | DSE:EP-1 <i>ame</i> |  |  |  |  |  |
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| DATE ▶    | 8/7/78              |  |  |  |  |  |

Docket Nos. 50-247  
50-286

EIS Coordinator  
Region II Office  
U. S. Environmental Protection Agency  
26 Federal Plaza  
New York, New York 10007

Chief, Division of Ecological Services  
Bureau of Sport Fisheries & Wildlife  
U. S. Department of the Interior  
Washington, D.C. 20240

Director, National Oceanographic Data Center  
Environmental Data Service  
National Oceanic & Atmospheric Administration  
U. S. Department of Commerce  
Washington, D. C. 20235

Dr. James Tanner, Program Manager  
Radionuclides & Food  
Food & Drug Administration  
U. S. Department of Health,  
Education & Welfare (HFF-147)  
200 C Street, S. W.  
Washington, D. C. 20204

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

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APR 05 1979

Docket No. 50-247

EIS Coordinator  
Region II Office  
U. S. Environmental Protection Agency  
New York, New York 10007

Subject: INDIAN POINT STATION, UNIT NO. 2

The following documents concerning our review of the subject facility  
are transmitted for your information:

- ☐ Notice of Receipt of Application.
- ☐ Draft/Final Environmental Statement, dated \_\_\_\_\_.
- ☐ Safety Evaluation, or Supplement No. \_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Notice of Hearing on Application for Construction Permit.
- ☐ Notice of Consideration of Issuance of Facility Operating License.
- ☐ Application and Safety Analysis Report, Vol. \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to Application/SAR, dated \_\_\_\_\_.
- ☐ Construction Permit No. CPPR-\_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Facility Operating License No. DPR-\_\_\_\_\_, NPF-\_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to CPPR-\_\_\_\_\_ or DRR-\_\_\_\_\_, dated \_\_\_\_\_.
- ☒ Other: Copy of ltr forwarding Licensee Event Report 2/26/79.
- ☐ \_\_\_\_\_

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Office of Nuclear Reactor Regulation  
Environmental Projects Branch 1

Enclosures:  
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CC:

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NUCLEAR REGULATORY COMMISSION  
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Docket No. 50-247

EIS Coordinator  
Region II Office  
U. S. Environmental Protection Agency  
New York, New York 10007

Subject: INDIAN POINT STATION, UNIT NO. 2

The following documents concerning our review of the subject facility  
are transmitted for your information:

- ☐ Notice of Receipt of Application.
- ☐ Draft/Final Environmental Statement, dated \_\_\_\_\_.
- ☐ Safety Evaluation, or Supplement No. \_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Notice of Hearing on Application for Construction Permit.
- ☐ Notice of Consideration of Issuance of Facility Operating License.
- ☐ Application and Safety Analysis Report, Vol. \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to Application/SAR, dated \_\_\_\_\_.
- ☐ Construction Permit No. CPPR-\_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Facility Operating License No. DPR-\_\_\_\_\_, NPF-\_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to CPPR-\_\_\_\_\_ or DRR-\_\_\_\_\_, dated \_\_\_\_\_.
- ☒ Other: Copy of ltr forwarding Licensee Event Report 2/26/79.
- ☐ \_\_\_\_\_

EWURO

Office of Nuclear Reactor Regulation  
Environmental Projects Branch 1

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cc:

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NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555

April 5, 1979

50-3  
Docket No. 50-247 ✓  
50-286

Addressees: See next page

Subject: INDIAN POINT NUCLEAR STATION

The following documents concerning our review of the subject facility are transmitted for your information:

- ☐ Notice of Receipt of Application.
- ☐ Draft/Final Environmental Statement, dated \_\_\_\_\_.
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- ☐ Notice of Consideration of Issuance of Facility Operating License.
- ☐ Application and Safety Analysis Report, Vol. \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to Application/SAR, dated \_\_\_\_\_.
- ☐ Construction Permit No. CPPR-\_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Facility Operating License No. DPR-\_\_\_\_\_, NPF-\_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to CPPR-\_\_\_\_\_ or DRR-\_\_\_\_\_, dated \_\_\_\_\_.
- ☒ Other: Con Ed Ltr dtd 3/27/79 forwarding semiannual report  
for the period July 1, 1978 through December 31, 1978.
- ☐ \_\_\_\_\_

EWU170

Office of Nuclear Reactor Regulation  
Environmental Projects Branch 1

Enclosures:

As stated

cc:

OFFICE ▶

DSE:EP-1

SURNAME ▶

MSlater:as

DATE ▶

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

DISTRIBUTION

Docket File (Enviro)  
EP-1 Reading  
RGeckler  
CParrish  
MSlater

Docket No. 50-3  
50-247 ✓  
50-286

MAR 20 1979

Addressees: See next page

Subject: INDIAN POINT NUCLEAR GENERATING STATION  
(CONSOLIDATED EDISON COMPANY OF NEW YORK)

The following documents concerning our review of the subject facility  
are transmitted for your information:

- ☐ Notice of Receipt of Application.
- ☐ Draft/Final Environmental Statement, dated \_\_\_\_\_.
- ☐ Safety Evaluation, or Supplement No. \_\_\_\_\_, dated \_\_\_\_\_.
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- ☐ Facility Operating License No. DPR-\_\_\_\_\_, NPF-\_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to CPPR-\_\_\_\_\_ or DRR-\_\_\_\_\_, dated \_\_\_\_\_.
- ☒ Other: Con Ed ltr dtd 3/9/79 forwarding 401 date for February 1979.
- ☐ \_\_\_\_\_

Environmental Projects Branch 1  
Office of Nuclear Reactor Regulation

Enclosures:  
As stated

cc:  
bcc: H. E. Zittel, ORNL

|           |            |  |  |  |  |  |
|-----------|------------|--|--|--|--|--|
| OFFICE ▶  | DSE:EP-1   |  |  |  |  |  |
| SURNAME ▶ | MSlater:as |  |  |  |  |  |
| DATE ▶    |            |  |  |  |  |  |

Docket Nos. 50-247  
50-286

EIS Coordinator  
Region II Office  
U. S. Environmental Protection Agency  
26 Federal Plaza  
New York, New York 10007

Chief, Division of Ecological Services  
Bureau of Sport Fisheries & Wildlife  
U. S Department of the Interior  
Washington, D.C. 20240

Director, National Oceanographic Data Center  
Environmental Data Service  
National Oceanic & Atmospheric Administration  
U. S. Department of Commerce  
Washington, D. C. 20235

Dr. James Tanner, Program Manager  
Radionuclides & Food  
Food & Drug Administration  
U. S. Department of Health,  
Education & Welfare (HFF-147)  
200 C Street, S. W.  
Washington, D. C. 20204

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

CONTRIBUTION  
Docket File (Environ)  
EP-1 Reading  
R. Geckler  
C. Parrish  
M. Slater

Docket No. 50-3  
50-247 ✓  
50-286

MAR 20 1979

Addressees: See next page

Subject: INDIAN POINT NUCLEAR GENERATING STATION  
(CONSOLIDATED EDISON COMPANY OF NEW YORK, INC AND  
POWER AUTHORITY OF THE STATE OF NEW YORK)

The following documents concerning our review of the subject facility  
are transmitted for your information:

- ☐ Notice of Receipt of Application.
- ☐ Draft/Final Environmental Statement, dated \_\_\_\_\_.
- ☐ Safety Evaluation, or Supplement No. \_\_\_\_\_, dated \_\_\_\_\_.
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- ☐ Notice of Consideration of Issuance of Facility Operating License.
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- ☐ Facility Operating License No. DPR-\_\_\_\_\_, NPF-\_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to CPPR-\_\_\_\_\_ or DRR-\_\_\_\_\_, dated \_\_\_\_\_.
- ☒ Other: 1) Con Ed ltr 3/1/79 forwarding semi-annual effluent release report for the period 7/1-12/31/78. for Units 1 and 2 only
- ☐ 2) PASNY ltr dtd 3/1/79 fwdg semi-annual effluent release report for for period 7/4- 12/31/78 for Unit No. 3

Office of Nuclear Reactor Regulation  
Environmental Projects Branch 1

Enclosures:  
As stated

b cc: H. Zittel, ORNL

|         |            |  |  |  |  |  |
|---------|------------|--|--|--|--|--|
| OFFICE  | DSE:EP-1   |  |  |  |  |  |
| SURNAME | MSlater:mh |  |  |  |  |  |
| DATE    | 3/20/79    |  |  |  |  |  |

Docket Nos. 50-247  
50-286

EIS Coordinator  
Region II Office  
U. S. Environmental Protection Agency  
26 Federal Plaza  
New York, New York 10007

Chief, Division of Ecological Services  
Bureau of Sport Fisheries & Wildlife  
U. S. Department of the Interior  
Washington, D.C. 20240

Director, National Oceanographic Data Center  
Environmental Data Service  
National Oceanic & Atmospheric Administration  
U. S. Department of Commerce  
Washington, D. C. 20235

Dr. James Tanner, Program Manager  
Radionuclides & Food  
Food & Drug Administration  
U. S. Department of Health,  
Education & Welfare (HFF-147)  
200 C Street, S. W.  
Washington, D. C. 20204

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

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Docket File (Environ)  
EP-1 Reading  
CParrish  
RGeckler  
MSlater

March 1, 1979

Docket No. 50-3, 50-247 ✓  
and 50-286

Addressees: See next page

Subject: INDIAN POINT NUCLEAR GENERATING STATION  
(CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.)

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are transmitted for your information:

- ☐ Notice of Receipt of Application.
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- ☐ Facility Operating License No. DPR- \_\_\_\_\_, NPF- \_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to CPPR- \_\_\_\_\_ or DRR- \_\_\_\_\_, dated \_\_\_\_\_.
- ☒ Other: ~~Con Ed ltr dtd 2/9/79 forwarding 401 data for January 1979~~
- ☐ \_\_\_\_\_

*ENVIRO*  
Office of Nuclear Reactor Regulation

Enclosures:  
As stated

b cc: H. E. Zittel

|           |                        |  |  |  |  |  |
|-----------|------------------------|--|--|--|--|--|
| OFFICE ▶  | DSE:EP-1<br>MSlater:mh |  |  |  |  |  |
| SURNAME ▶ | 3/1/79                 |  |  |  |  |  |
| DATE ▶    |                        |  |  |  |  |  |

Docket Nos. 50-247  
50-286

EIS Coordinator  
Region II Office  
U. S. Environmental Protection Agency  
26 Federal Plaza  
New York, New York 10007

Chief, Division of Ecological Services  
Bureau of Sport Fisheries & Wildlife  
U. S. Department of the Interior  
Washington, D.C. 20240

Director, National Oceanographic Data Center  
Environmental Data Service  
National Oceanic & Atmospheric Administration  
U. S. Department of Commerce  
Washington, D. C. 20235

Dr. James Tanner, Program Manager  
Radionuclides & Food  
Food & Drug Administration  
U. S. Department of Health,  
Education & Welfare (HFF-147)  
200 C Street, S. W.  
Washington, D. C. 20204



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

DISTRIBUTION  
Docket File  
EP-1 Reading  
RGeckler  
CParrish  
MSlater

Docket No. 50-3

50-247

50-286

FEB 14 1979

TO: Addressees

Subject: INDIAN POINT NUCLEAR GENERATING STATION  
(CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.)

The following documents concerning our review of the subject facility  
are transmitted for your information:

- ☐ Notice of Receipt of Application.
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- ☐ Safety Evaluation, or Supplement No. \_\_\_\_\_, dated \_\_\_\_\_.
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- ☐ Construction Permit No. CPPR-\_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Facility Operating License No. DPR-\_\_\_\_\_, NPF-\_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to CPPR-\_\_\_\_\_ or DRR-\_\_\_\_\_, dated \_\_\_\_\_.
- ☒ Other: Con Ed ltr dated 1/15/79 forwarding fish collection  
data for December 1978.
- ☐ \_\_\_\_\_

EWURO

Office of Nuclear Reactor Regulation  
Environmental Projects Branch

Enclosures:  
As stated

b cc: H. E. Zittel, ORNL

OFFICE ▶ DSE:EP-1

SURNAME ▶ MSlater

DATE ▶

Addressees:

Chief, Division of Ecological Services  
Bureau of Sport Fisheries & Wildlife  
U. S. Department of the Interior  
Washington, D. C. 20240

Director, National Oceanographic Data Center  
Environmental Data Service  
National Oceanic & Atmospheric Administration  
U. S. Department of Commerce  
Washington, D.C. 20235

Dr. James Tanner, Program Manager  
Radionuclides & Food  
Food & Drug Administration  
U. S. Department of Health,  
Education & Welfare (HFF-147)  
200 C Street, S. W.  
Washington, D. C. 20204

EIS Coordinator  
Region V Office  
U. S. Environmental Protection Agency  
230 South Dearborn Street  
Chicago, Illinois 60604

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

DISTRIBUTION

Docket File (Enviro)  
EP-1 Reading  
EPM  
C. Parrish  
M. Slater

Docket No. 50-3  
50-247 ✓  
50-236

Addressees: See next page

Subject: INDIAN POINT NUCLEAR GENERATING STATION  
(Con Ed of N.y., Inc.)

The following documents concerning our review of the subject facility  
are transmitted for your information:

- ☐ Notice of Receipt of Application.
- ☐ Draft/Final Environmental Statement, dated \_\_\_\_\_
- ☐ Safety Evaluation, or Supplement No. \_\_\_\_\_, dated \_\_\_\_\_
- ☐ Notice of Hearing on Application for Construction Permit.
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- ☐ Facility Operating License No. DPR-\_\_\_\_\_, NPF-\_\_\_\_\_, dated \_\_\_\_\_
- ☐ Amendment No. \_\_\_\_\_ to CPPR-\_\_\_\_\_ or DRR-\_\_\_\_\_, dated \_\_\_\_\_
- ☒ Other: 1. Con Ed ltr dtd 11/10/78 fwdg 401 Certification data for  
Oct. 1978. 2. Con Ed ltr dtd 11/16/78 fwdg daily fish collection  
data for October 1978.

Enclosures:  
As stated

cc:

bcc: H. E. Zittel, ORNL

Office of Nuclear Reactor Regulation  
Environmental Projects Branch 1

Env 110

OFFICE ▶

DSE:EP-1

SURNAME ▶

M. Slater:as

DATE ▶

11/29/78

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

DISTRIBUTION

Docket File  
EP-1 Reading  
EPM  
M. Slater  
C. Parrish

Docket No. 50-03  
50-247  
50-286

Addressees: See next page

Subject: INDIAN POINT NUCLEAR GENERATING STATION  
(Con Ed of New York, Inc.)

The following documents concerning our review of the subject facility  
are transmitted for your information:

- ☐ Notice of Receipt of Application.
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- ☐ Amendment No. \_\_\_\_\_ to CPPR- \_\_\_\_\_ or DRR- \_\_\_\_\_, dated \_\_\_\_\_.
- ☒ Other: Con Ed ltr dtd 10/13/78 fwdy 401 data for Sept. 1978
- ☐ \_\_\_\_\_

Office of Nuclear Reactor Regulation  
Environmental Projects Branch 1

Enclosures:  
As stated

cc:  
Bcc. H. E. Zittel, ORNL

EW1202

|           |              |  |  |  |  |  |
|-----------|--------------|--|--|--|--|--|
| OFFICE ▶  | DSE:EP-1     |  |  |  |  |  |
| SURNAME ▶ | M. Slater:as |  |  |  |  |  |
| DATE ▶    | 11-14-78     |  |  |  |  |  |

Dated at Bethesda, Md., this 13th day of October 1978.

JAMES R. YORE,  
Chairman Atomic Safety  
and Licensing Board Panel.

[FR Doc. 78-29565 Filed 10-19-78; 8:45 am]

#### [7590-01-M]

[Docket No. 50-286, Facility Operating  
License No. DPR-64]

#### POWER AUTHORITY OF THE STATE OF NEW YORK, INDIAN POINT NUCLEAR GENERAT- ING STATION, UNIT NO. 3

##### Denial of Amendment Application

The U.S. Nuclear Regulatory Commission (the Commission) has denied the Power Authority of the State of New York's (the licensee) "application for an Extension of the Period of Interim Operation Using the Installed Once-through Cooling System and Motion for Expedited Commission Consideration" dated August 7, 1978. The licensee seeks amendment of Condition 2.E.(1) of DPR-64 so as to extend the date for termination of operation with once-through cooling to allow for (1) the Environmental Protection Agency (EPA) to reach an administrative decision in the pending discharge permit proceeding involving Indian Point 3 (and other steam-electric generating facilities on the low Hudson River), (2) any judicial remedies from the EPA decision to be exhausted, and (3) the cooling tower, if required by EPA, to be constructed.

The Commission's denial is set forth in a letter dated October 13, 1978, from Harold R. Denton, Director, Office of Nuclear Reactor Regulation to Paul J. Early, Assistant Chief Engineer, Projects of the licensee. Briefly, the bases for the denial are: (1) the Commission will be required to conform its license to whatever decision (including a compliance schedule for tower construction) is ultimately adopted by EPA; (2) the EPA proceeding is still in process and the Commission does not, therefore, have the benefit yet of an EPA decision; (3) the Commission will have to analyze whatever decision EPA reaches and determine what type of evaluation is required under the Commission's regulations implementing the National Environmental Policy Act; and (4) the Commission expects that the EPA final administrative decision will be rendered sufficiently in advance of the once-through cooling termination date that the Commission will be able to take whatever action might be re-

Condition 2.E.(1) presently requires termination of operation with once-through cooling by September 15, 1980. By operation of Condition 2.E.(1)(e), that date has now become September 15, 1982. The Commission will appropriately amend the license.

quired prior to that date. On these bases, the Commission determined that it is preferable to await the final EPA administrative decision before determining what action need be taken by the Commission and that there is no prejudice to the licensee from a denial of the application.

For further details with respect to this action, see (1) the licensee's application and supporting affidavit and (2) the letter from Mr. Denton to Mr. Early. Both of these documents are available for public inspection at the Commission's Public Document Room, 1717 H Street NW., Washington, D.C. 20555, and at the White Plains Public Library, 100 Martine Avenue, White Plains, N.Y. 10601.

A copy of item (2) may be obtained upon request addressed to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Site Safety and Environmental Analysis.

Dated at Bethesda, Md., this 13th day of October 1978.

For the Nuclear Regulatory Commission.

RONALD L. BALLARD,  
Chief, Environmental Projects  
Branch 1, Division of Site  
Safety and Environmental  
Analysis.

[FR Doc. 78-29567 Filed 10-19-78; 8:45 am]

#### [7590-01-M]

#### RECOMMENDATIONS FOR IMPROVING NUCLEAR POWERPLANT LICENSING

##### Policy Statement

In its continuing efforts to improve the effectiveness and efficiency of Nuclear Regulatory Commission (NRC) licensing activities consistent with providing increased opportunity for the public to participate in the licensing process, the Commission requested a staff study of the lessons learned in nuclear power plant licensing since the NRC was created. The results of this study were published in June 1977 as NUREG-0292, "Nuclear Power Plant Licensing: Opportunities for Improvement." A press release was issued on July 27, 1977, which summarized these recommendations, noted public availability of the report, and indicated that the Commission had directed the staff to prepare a plan to implement these recommendations.

It is the intent of the Commission to implement the following recommendations of NUREG-0292 on an experimental basis whenever opportunities arise and it is practical to do so on both currently docketed and forthcoming applications. The recommendations will be implemented as a collective set if possible; however, imple-

mentation of any single recommendation will be undertaken if the staff believes a productive result will be achieved.

#### RECOMMENDATION No. 3

##### INCREASE PRETENDERING COORDINATION WITH APPLICANTS

The expanded pretending coordination with applicants has as its objective the subsequent filing of an application that is of such quality as to minimize the need for extensive requests for additional information, clarification, or design or procedural commitment that often result in considerable delay in the review of an application after docketing. The expanded pretending activities will be initiated about 9 months prior to the proposed tendering of an application and will be designed to provide additional guidance and direction to the applicant during the preparation of its application. The increased coordination activities during this period will include several working level meetings between the applicant and the staff to provide specific updated guidance to the applicant regarding the format and content of the application and to provide an opportunity to discuss key aspects of the design, relevant problems, and current staff positions.

#### RECOMMENDATION No. 4

##### EXPAND AND RESTRUCTURE THE ACCEPTANCE REVIEW

The present acceptance review program was initiated following publication of the Standard Format and Content document in 1972 and provided the staff with a standard by which to determine whether a tendered application was sufficiently complete to permit docketing and detailed review. The Acceptance Review will be expanded to emphasize the quality of the material presented as well as completeness.

The expanded and restructured Acceptance Review has as its objective the assurance that all significant information needed by the staff for the preparation of its Safety Evaluation Report will be in the docketed application. During the acceptance review, the staff will examine the information provided in the tendered application to determine that it includes most, if not all, of the information that is generally presently available in an application only after it has been amended to include the additional information developed in response to the staff's first round of questions after the application is docketed.

This expanded and restructured Acceptance Review in conjunction with the proposed increased pretending coordination activities should result in a significant reduction, if not elimina-

Docket file (Enviro)  
50-247 ✓  
Enviro 2

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

October 24, 1978

DISTRUBUTION

Dockets 50-003

50-247

50-286

ORB#1 RF  
CParrish

Docket No. 50-003/247/286

SEE ATTACHED LIST

Subject: CONSOLIDATED EDISON COMPANY OF NEW YORK, INC. (INDIAN PT., UNITS 1, 2 & 3)

The following documents concerning our review of the subject facility  
are transmitted for your information:

- ☐ Notice of Receipt of Application.
- ☐ Draft/Final Environmental Statement, dated \_\_\_\_\_.
- ☐ Safety Evaluation, or Supplement No. \_\_\_\_\_, dated \_\_\_\_\_.
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- ☐ Notice of Consideration of Issuance of Facility Operating License.
- ☐ Application and Safety Analysis Report, Vol. \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to Application/SAR, dated \_\_\_\_\_.
- ☐ Construction Permit No. CPPR- \_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Facility Operating License No. DPR- \_\_\_\_\_, NPF- \_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to CPPR- \_\_\_\_\_ or DRR- \_\_\_\_\_, dated \_\_\_\_\_.
- ☒ Other: DAILY RECORD OF FISH COLLECTIONS FOR MONTH OF SEPTEMBER 1978  
INCLUDING BREAKDOWN OF SPECIES AND TOTAL WEIGHT.
- ☐ \_\_\_\_\_

Office of Nuclear Reactor Regulation

Enclosures:

As stated

CC:

OFFICE ► DOR:ORB#1/LA

SURNAME ► CParrish:pab

DATE ►

OCTOBER 4 1978

- 2 -

Chief, Energy Systems  
Analyses Branch (AW-459)  
Office of Radiation Programs  
U. S. Environmental Protection Agency  
Room 645, East Tower  
401 M Street, S. W.  
Washington, D. C. 20460

Dr. H. E. Zittel  
Oak Ridge National Laboratory  
Post Office Box X  
Oak Ridge, Tennessee 37830

U. S. Environmental Protection Agency  
Region II Office  
Attn: EIS COORDINATOR  
26 Federal Plaza  
New York, New York 10007