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January 29, 1986

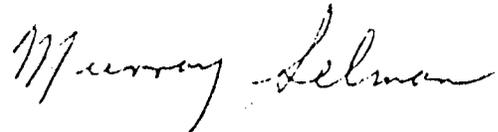
Re: Indian Point Unit Nos. 1 and 2  
Docket Nos. 50-3 and 50-247

Dr. Thomas E. Murley, Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

Dear Dr. Murley:

Enclosed are revised pages to the Semi-Annual Effluent and Waste Disposal Reports for the period January 1 through June 30, 1985 that was submitted on August 30, 1985 and for the period July 1 through December 31, 1984 that was submitted on March 13, 1985.

Very truly yours,



14.50-3-247.8.15.1  
MS/vc  
Enclosure

cc: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
P.O. Box 38  
Buchanan, New York 10511

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EFFLUENT AND WASTE DISPOSAL

SEMI-ANNUAL REPORT

FIRST HALF - 1985

REVISED PAGES

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PDR ADOCK 05000003  
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Reportable Items (Continued)

B. Liquid Hold up Tanks

On September 24, 1984, the Refueling Water Storage Tank exceeded 10 curies and is being reported pursuant to Indian Point Unit 2 Technical Specification 3.9.A.5.B. Corrective Action was taken and the activity was lowered to within the limit within 48 hours.

5. Batch Releases

1985

a. Liquid

1st Qtr.

2nd Qtr.

Number of Batch Releases

75

14

Total Time Period Batch Release  
(Min)

8,286

1,360

Maximum Time Period Batch Release  
(Min)

170

227

Average Time Period Batch Release  
(Min)

110

97

Minimum Time Period Batch Release

20

61

Average Stream Flow (cfs)

60,800

41,550

b. Gaseous

Number of Batch Release

98

82

Total Time Period Batch Release  
(Min)

54,100

7,740

Maximum Time Period Batch Release  
(Min)

44,700

361

Average Time Period Batch Release  
(Min)

553

94

Minimum Time Period Batch Release

15

30

6. ABNORMAL RELEASES

a. Liquid - None

b. Gaseous - None

Solid Radwaste Disposal Report

Solid Waste Shipped Offsite for Burial Or Disposal (Not irradiated fuel)

1. Type of Waste	Unit	6 Month Period			Est Total
		Class A	Class B	Class C	
a. Spent Resins, sludges, etc.	m <sup>3</sup>	26.9	8.467	3.568	1.00 <sup>+2</sup>
	C1	15.192	178.945	236.2	
b. DAW	m <sup>3</sup>	2.18 <sup>+2</sup>	-	-	1.00 <sup>+2</sup>
	C1	6.974	-	-	
c. Irradiated components control rods, etc.	m <sup>3</sup>	-	-	-	-
	C1				

2. Estimate of major nuclide composition (by type of waste)

a.	Ni-63	%	3.49 E+1
	Co-60	%	1.49 E+1
	Co-58	%	1.14 E+1
	Cs-137	%	1.05 E+1
	H-3	%	9.09 E+0
	Cs-134	%	4.63 E+0
	Fe-55	%	4.12 E+0
b.	Co-60	%	4.54 E+1
	Ni-63	%	3.48 E+1
	Cs-137	%	6.81 E+0
	Fe-55	%	5.84 E+0

3. Solid Waste Disposition

<u>Number of Shipments</u>	<u>Mode of transportations</u>	<u>Destination</u>
19	Truck	Barnwell, S.C.

4. Solid waste containers

- a. 12 Fiberglass reinforced pressure vessels
  - 12 Pressure vessels
  - 3 High integrity containers
  - 2 Carbon steel containers - cement used for solidification
- b. 91 Drums
- 66 Crates

## 5. Waste Class

No irradiated fuel shipments

Container	Class A	Class B	Class C
Pressure Vessel	22	2	-
High Integrity Container	2	1	-
Steel Liners	1	1	-
Steel Drums	91	-	-
Steel Crates	66	-	-