

John D. O'Toole  
Vice President

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Telephone (212) 460-2533

June 16, 1983

Re: Indian Point Unit Nos. 1 and 2  
Docket Nos. 50-03 and 50-247

Mr. James M. Allan,  
Acting Regional Administrator  
Region I  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pa. 19406

Dear Mr. Allan:

Please find attached two copies of revised pages for the Semi-Annual Effluent and Waste Disposal Report for the time periods January 1 through June 30, 1982 and July 1 through December 31, 1982. The affected sections of the reports are entitled "Radiological Impact on Man" and reflect recalculated values for the maximum population doses and average individual doses.

Attachment A contains the revised pages for the January 1 through June 30, 1982 report. Attachment B contains the revised pages for the July 1 through December 31, 1982 report.

Should you or your staff have any questions please call us.

Very truly yours,

*John D. O'Toole*

attach.

6 copies to: Mr. Richard DeYoung, Director  
Office of Inspection and Enforcement  
c/o Distribution Services Branch, DDC, ADM  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

1 copy to: Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

1 copy to: Mr Thomas Foley, Senior Resident Inspector  
U. S. Nuclear Regulatory Commission  
P. O. Box 38  
Buchanan, New York 10511

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Attachment A

Revised Pages for the January 1 through  
June 30, 1982 Report

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PDR ADDCK 05000003  
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Indian Point Units 1 & 2

RADIOLOGICAL IMPACT ON MAN

(Reference Regulatory Guide 1.21, page 12)

A. Maximum Individual Doses

(1) <u>Pathways</u> (Gaseous)	<u>Total Body</u> mRem	<u>Skin</u> mRem	<u>Thyroid</u> mRem	<u>Bone</u> mRem
(a) Noble Gas Immersion				
(i) Batch Releases	0.743 E+00	0.188 E+01	N/A	N/A
(ii) Continuous Releases	0.102 E+00	0.239 E+00	N/A	N/A
(b) Inhalation*	5.17 E-03	N/A	9.67 E-02	2.38 E-02
(c) Ground Deposition	0.130 E-01	0.153 E-01	N/A	N/A
(d) Milk Ingestion*	3.05 E-03	N/A	1.95 E-02	1.42 E-02
(e) Meat Ingestion***	4.64 E-04	N/A	5.49 E-04	2.32 E-03
(f) Vegetable Ingestion***	2.18 E-02	N/A	1.78 E-01	1.08 E-01

(2) Pathways (Liquid)

(a) All                      See Attached "LADTAP" printout  
Attachment I

- \* Infants are critical age group
- \*\* Adults are critical age group
- \*\*\* Children are critical age group

NA = Not Applicable

B. Population

(1) Pathways(Gaseous)

	<u>Total Body</u> (man-rem)	<u>Thyroid</u> (man-thyroid rem)
(a) Noble Gas Immersion		
(i) Batch Release	0.182 E+02	N/A
(ii) Continuous Release	0.555 E+01	N/A
(b) Inhalation	0.213 E+00	0.387 E+01
(c) Ground Deposition	3.22 E-01	N/A
(d) Totals	2.43 E+01	0.387 E+01

(2) Pathways(Liquid)

(a) All                      See attached "LADTAP" printout  
Attachment I

C. Average Doses to Individuals

(1) Pathways

(a) Liquid-Total Body	7.50 E-05 mRem
(b) Gaseous-Total Body	1.27 E-03 mRem

N/A = Not Applicable

Attachment B

Revised Pages for the July 1 through  
December 31, 1982 Report

B306270184 B30616  
PDR ADOCK 05000003  
R PDR

Indian Point Units 1 & 2

RADIOLOGICAL IMPACT ON MAN

(Reference Regulatory Guide 1.21, page 12)

A. Maximum Individual Doses

(1) <u>Pathways</u> (Gaseous)	<u>Total Body</u> mRem	<u>Skin</u> mRem	<u>Thyroid</u> mRem	<u>Bone</u> mRem
(a) Noble Gas Immersion				
(i) Batch Releases	0.129 E+00	0.364 E+00	N/A	N/A
(ii) Continuous Releases	0.248 E+00	0.701 E+00	N/A	N/A
(b) Inhalation*	7.50 E-03	N/A	6.14 E-02	3.32 E-02
(c) Ground Deposition	0.134 E-01	0.157 E-01	N/A	N/A
(d) Milk Ingestion*	2.18 E-03	N/A	7.28 E-03	1.02 E-02
(e) Meat Ingestion***	3.33 E-04	N/A	3.59 E-04	1.66 E-03
(f) Vegetable Ingestion***	3.05 E-02	N/A	1.18 E-01	1.51 E-01

(2) Pathways (Liquid)

(a) All                      See Attached "LADTAP" printout  
Attachment I

- \* Infants are critical age group
- \*\* Adults are critical age group
- \*\*\* Children are critical age group

NA = Not Applicable

