

Indian Point 3
Nuclear Power Plant
P.O. Box 215
Buchanan, New York 10511
914 736.8001



Robert J. Barrett
Site Executive Officer

March 14, 1997
IPN-97-040

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

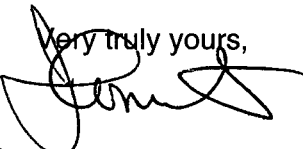
SUBJECT: Indian Point 3 Nuclear Power Plant
Docket No. 50-286
License No. DPR-64
**Submittal of Proposed Changes to the Indian Point 3 State
Pollutant Discharge Elimination System (SPDES) Permit**

Dear Sir:

This letter provides, in Attachment I, proposed changes to the Indian Point 3 SPDES Permit. This submittal is required by Indian Point 3 Technical Specifications, Appendix B, Part I, Section 3.2.

The Authority is making no commitments in this letter. If you or your staff have any questions regarding this matter, please contact Ms. D. Gray at (914) 736-8414.

Very truly yours,


For Robert J. Barrett
Site Executive Officer
Indian Point 3 Nuclear Power Plant

Attachments

cc: see next page

9703240001 970314
PDR ADDCK 05000286
P PDR

210057



cc: Mr. Hubert J. Miller
Regional Administrator
Region I
U.S. Nuclear Regulatory Commission
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Mr. Curtis J. Cowgill, Chief
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U.S. Nuclear Regulatory Commission
Resident Inspectors' Office
Indian Point 3 Nuclear Power Plant



**New York Power
Authority**

Docket No. 50-286
IPN-97-040
Attachment I
Page 1 of 3

February 19, 1997
DJD-97-14

Paul J. Kolakowski, PE
New York State Department of
Environmental Conservation
50 Wolf Road
Albany, New York 12233-3505

Dear Paul:

The Authority requests that the Department modify the State Pollutant Discharge Elimination System (SPDES) permit (No. NY 0004472) for the Indian Point Generating Station in accordance with the proposed revisions that are attached to this letter and described below.

Outfall No. 001G - The SPDES permit requires monitoring for phosphates at Indian Point Units 2 and 3. The requirement for phosphate sampling at Unit 3 should be deleted because phosphates are no longer used in the service boiler. As noted, this can be accomplished by adding a footnote (footnote****) to this outfall indicating that sampling for phosphates only applies to Indian Point 2.

Outfall 001J - The SPDES permit requires monitoring for oil and grease in all flow tributaries to floor drains because outfall 001J itself cannot be monitored. However, monitoring is only needed in those flow tributaries to floor drains that discharge directly into the discharge canal, i.e., those that do not have skimmers or sumps. Therefore, the Authority proposes that a footnote (footnote****) for outfall 001J be revised to reflect this fact. If this revision were made, the Authority would propose adding oil and grease as an effluent parameter to outfall 001 and including the discharge limitations and monitoring requirements identified in the attachment to this letter.

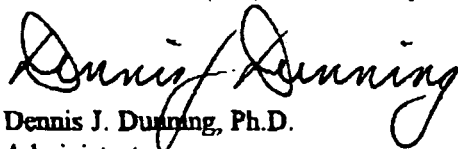
The Authority believes that its proposed revisions to the requirements applicable to outfall 001J will provide effective control over the discharge of oil and grease into the Hudson River and eliminate redundant sampling.

Footnote O - The SPDES permit requires that the flow of condenser cooling water be monitored and recorded hourly by recording the operating mode of the circulating water pumps. However, the actual operation of the system makes monitoring and recording at hourly intervals unnecessary and uneconomical. The flow of condenser cooling water is controlled by adjusting the rpm setting of the pump motors. The rpm setting remains the same unless it is changed by the plant's operators. The second sentence of footnote "o" already requires that any changes in flow rate of each circulating pump be recorded, including the date and time of such change. This information

is reported monthly together with the Discharge Monitoring Report. Additionally, routine monitoring and recording are currently done at 8-hour intervals by the plant's operators. Thus, the Authority proposes that the flow of condenser cooling water be monitored and recorded every eight hours, not every hour. If this proposal is accepted, the Department will continue to receive the information it gets under the existing permit but in a more efficient and cost effective format.

The modifications to the SPDES permit requested by the Authority are intended to reduce the cost of operating Indian Point 3 and help the Authority meet its mandate to provide lower cost power to the people of New York State, without sacrificing protection of the environment.

Please call me at (914) 681-6401 if you have any questions.



Dennis J. Durning, Ph.D.
Administrator
Aquatic Programs and Permits

enclosure

PROPOSED REVISIONS TO THE INDIAN POINT SPDES PERMIT

| Outfall Number & Effluent Parameters | <u>Discharge Limitations</u> | | <u>Min. Monitoring Requirements</u> | | Sample Type |
|---|------------------------------|----------------|-------------------------------------|--------------------------|----------------|
| | Daily Avg | Daily Max | Units | Measurement Frequency | |
| [ADD:] 001 Oil & Grease Obser- | | No Visible Oil | mg/l | Daily | Visual |
| | or Sheen | | | | vation |
| ~~~~~ | | | | | |
| ~~~~~ | | | | | |

[REVISE:]

001G

| | | | | | |
|--------------------|-----------------|----|---------|---------|------|
| Flow | Monitoring Only | | MGD | Weekly | |
| Instantaneous | | | | | |
| Phosphates as P*** | 16 | 38 | lbs/day | Monthly | Grab |

*** This applies to only those internal streams at Indian Point 2, which comprise this outfall.

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[REVISE:]

001J****

| | | | | | |
|--------------|-----------------|----------------|------|--------|----------|
| Flow | Monitoring Only | | MGD | Weekly | Estimate |
| Oil & Grease | | No Visible Oil | mg/l | Weekly | Visual |
| Obser- | or sheen | | | | vation |

*** *This applies only to those floor drains which discharge directly into the discharge canal, i.e., those that do not have skimmers or sumps, and whose outfall cannot be monitored.. For those drains:

1. All oil spills shall be handled under the SPCC plan
2. Flow tributary to the floor drains shall not contain more than 15 mg/l of oil and grease nor any visible sheen.

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[REVISE:]

Footnote O:

The flow of condenser cooling water discharges shall be monitored and recorded every eight hours by recording the operating mode of the circulating water pumps. Any changes in the flow rate of each circulating waster pump shall be recorded, including the date and time....