

Docket



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

April 24, 1981

Docket No. 50-286

Mr. George T. Berry, President
and Chief Operating Officer
Power Authority of the State of New York
10 Columbus Circle
New York, New York 10019

Dear Mr. Berry:

The Commission has issued the enclosed Amendment No. 35 to Facility Operating License No. DPR-64 for the Indian Point Nuclear Generating Unit No. 3. This amendment consists of changes to the Environmental Technical Specifications in response to your application transmitted by letter dated February 27, 1981, which supercedes your amendment applications dated December 14, 1978 and December 3, 1979.

The amendment revises the Appendix B Environmental Technical Specifications (ETS) to delete non-radiological environmental requirements, and to add a non-radiological environmental protection plan (EPP). The basis for your request is that the ETS modifications are necessary to permit implementation of a Settlement Agreement which has been reached by parties to EPA's Hudson River Power Plant Case. Based on our review, we find that your request for ETS modifications is appropriate and should be granted.

Water quality conditions in existing operating licenses must be removed as a matter of law. We have concluded that, since this is a ministerial action required as a matter of law, no environmental assessment need be prepared as a condition precedent to taking the action.

The Settlement Agreement establishes that aquatic issues are to be addressed by effluent limitations, monitoring requirements or other requirements in or annexed to the new Section 402 Permit to be issued by the New York Department of Environmental Conservation (DEC). Therefore, there is no further need for the specific non-radiological requirements of the existing ETS; we will be relying on the DEC for continued protection of the aquatic environment via the effective State Pollutant Discharge Elimination System (Section 402) Permit.

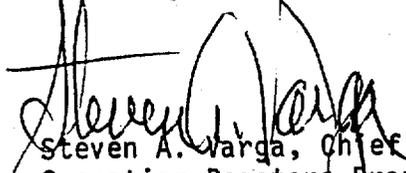
Mr. George T. Berry

- 2 -

The amendment does not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. It does not involve a significant increase in the probability or consequences of an accident, does not involve a significant decrease in a safety margin, and therefore does not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action.

A copy of the Notice of Issuance is also enclosed.

Sincerely,



Steven A. Wurga, Chief
Operating Reactors Branch No. 1
Division of Licensing

Enclosures:

1. Amendment No. 35 to DPR-64
2. Notice of Issuance

cc: w/enclosures
See next page

Mr. George T. Berry
Power Authority of the State of New York

cc: White Plains Public Library
100 Martine Avenue
White Plains, New York 10601

Mr. Charles M. Pratt
Assistant General Counsel
Power Authority of the
State of New York
10 Columbus Circle
New York, New York 10019

Ms. Ellyn Weiss
Sheldon, Harmon and Weiss
1725 I Street, N.W., Suite 506
Washington, D. C. 20006

Dr. Lawrence R. Quarles
Apartment 51
Kendal at Longwood
Kennett Square, Pennsylvania 19348

Mr. George M. Wilverding
Manager - Nuclear Licensing
Power Authority of the
State of New York
10 Columbus Circle
New York, New York 10019

Joan Holt, Project Director
New York Public Interest
Research Group, Inc.
5 Beekman Street
New York, New York 10038

Director, Technical Development
Programs
State of New York Energy Office
Agency Building 2
Empire State Plaza
Albany, New York 12223

Mr. John C. Brons, Resident Manager
Indian Point 3 Nuclear Power Plant
P.O. Box 215
Buchanan, New York 10511

Honorable George Begany
Mayor, Village of Buchanan
188 Westchester Avenue
Buchanan, New York 10511

Mr. J. P. Bayne, Senior Vice Pres.
Power Authority of the State
of New York
Columbus Circle
New York, New York 10019

Theodore A. Rebelowski
Resident Inspector
Indian Point Nuclear Generating
U. S. Nuclear Regulatory Commission
P. O. Box 38
Buchanan, New York 10511

Joyce P. Davis, Esquire
Law Department
Consolidated Edison Company of
New York Inc.
4 Irving Place
New York, New York 10003

Jeffrey C. Cohen, Esquire
New York State Energy Office
Swan Street Building
CORE 1 - Second Floor
Empire State Plaza
Albany, New York 12223

Director, Criteria and Standards
Division
Office of Radiation Programs (ANR-460)
U. S. Environmental Protection Agency
Washington, D. C. 20460

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

Mr. George T. Berry
Power Authority of the State of New York

cc: Ezra I. Bialik
Assistant Attorney General
Environmental Protection Bureau
New York State Department of Law
2 World Trade Center
New York, New York 10047



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

POWER AUTHORITY OF THE STATE OF NEW YORK

DOCKET NO. 50-286

INDIAN POINT STATION UNIT NO. 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 35
License No. DPR-64

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Power Authority of the State of New York, (the Licensee) dated February 27, 1981, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

8105080464

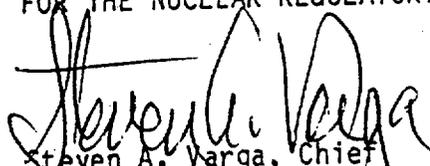
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B of Facility Operating License No. DPR-64 is hereby amended to read as follows:

(B) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 35, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: April 24, 1981

ATTACHMENT TO LICENSE AMENDMENT NO. 35

FACILITY OPERATING LICENSE NO. DPR-64

DOCKET NO. 50-286

Revise Appendix B as follows:

Remove Pages

Cover Sheet

i through v

1-1

1-6

2.1-1

2.2-1

2.3-1

4.1-1

4.1-9

5-1 through 5-8

Insert Pages

Part I Cover Sheet

Part I Table of Contents

1-1

2-1

2-2

3-1 through 3-4

4-1

5-1 through 5-4

Part II Cover Sheet

i through iv

1-1

1-6

2.1-1

2.1-1

2.3-1

4.1-1

4.1-9

5-1 through 5-8

APPENDIX B
TO
FACILITY OPERATING LICENSE
FOR
POWER AUTHORITY
OF THE STATE OF NEW YORK
INDIAN POINT 3 NUCLEAR
POWER PLANT

ENVIRONMENTAL TECHNICAL SPECIFICATION
REQUIREMENTS

PART I: NON-RADIOLOGICAL ENVIRONMENTAL PROTECTION PLAN

FACILITY LICENSE NO. DPR-64

DOCKET NUMBER 50-286

1.0 Objectives of the Environmental Protection Plan

The Environmental Protection Plan (EPP) is to provide for protection of environmental values during construction and operation of the nuclear facility. The principal objectives of the EPP are as follows:

- (1) Verify that the plant is operated in an environmentally acceptable manner, as established by the FES and other NRC environmental impact assessments.
- (2) Coordinate NRC requirements and maintain consistency with other Federal, State and local requirements for environmental protection.
- (3) Keep NRC informed of the environmental effects of facility construction and operation and of actions taken to control those effects.

Environmental concerns identified in the FES which relate to water quality matters are regulated by way of the licensee's SPDES permit.

INDIAN POINT NUCLEAR GENERATING PLANT
UNIT 3

PART I: ENVIRONMENTAL TECHNICAL SPECIFICATION REQUIREMENTS
NON-RADIOLOGICAL ENVIRONMENTAL PROTECTION PLAN

TABLE OF CONTENTS

Section		Page
1.0	Objectives of the Environmental Protection Plan.....	1-1
2.0	Environmental Protection Issues.....	2-1
3.0	Consistency Requirements.....	3-1
3.1	Plant Design and Operation.....	3-1
3.2	Reporting Related to the NPDES Permits and State Certification.....	3-3
3.3	Changes Required for Compliance with Other Environmental Regulations.....	3-4
4.0	Environmental Conditions.....	4-1
4.1	Unusual or Important Environmental Events.....	4-1
5.0	Administrative Procedures.....	5-1
5.1	Review and Audit.....	5-1
5.2	Records Retention.....	5-1
5.3	Changes in Environmental Protection Plan.....	5-2
5.4	Plant Reporting Requirements.....	5-2

2.0 Environmental Protection Issues

In the FES-OL for Unit 2 dated September 1972 and the FES-OL for Unit 3 dated February 1975, the staff considered the environmental impacts associated with operation of the Indian Point Nuclear Generating Plant. Certain environmental issues were identified which required study or license conditions to resolve environmental concerns and to assure adequate protection of the environment. The Appendix B Environmental Technical Specifications issued with the licenses included monitoring programs and other requirements to protect water quality and aquatic biota during plant operation with once-through cooling. As last amended on July 11, 1979, the Appendix B ETS included monitoring and other requirements to address the following non-radiological aquatic protection issues:

- (1) Controlled release of thermal discharges (ETS Sections 2.1, 3.1, 2.2.2, 3.2.2, and 4.1.1.a).
- (2) Controlled release of non-radioactive chemical discharges (ETS Sections 2.3 and 3.3).
- (3) Controlled intake flow velocity to limit impingement of organisms on intake structures (ETS Sections 2.2.1 and 3.2.1).

- (4) Monitoring of aquatic biota in the Hudson River to evaluate effects of once-through operation (ETS Section 4.1.2).

Aquatic issues are now addressed by the effluent limitations, monitoring requirements and other conditions in or annexed to the effective SPDES permit issued by the Department of Environmental Conservation of the State of New York (DEC). The NRC will therefore rely on the DEC for regulation of matters involving water quality and aquatic biota.

3.0 Consistency Requirements

3.1 Plant Design and Operation

The licensee may make changes in station design or operation or perform tests or experiments affecting the environment provided such changes, tests or experiments do not involve an unreviewed environmental question, and do not involve a change in the Environmental Protection Plan.* Changes in plant design or operation or performance of tests or experiments which do not affect the environment are not subject to the requirements of this EPP. Activities governed by Section 3.3 are not subject to the requirements of this section.

Before engaging in additional construction or operational activities which may affect the environment, the licensee shall prepare and record an environmental evaluation of such activity. When the evaluation indicates that such activity involves an unreviewed environmental question, the licensee shall provide a written evaluation of such activities and obtain prior approval from the Director, Office of Nuclear Reactor Regulation. When such activity involves a change in the Environmental Protection Plan, such activity and change to the Environmental Protection Plan may be

*This provision does not relieve the licensee of the requirements of 10 CFR § 50.59.

implemented only in accordance with an appropriate license amendment as set forth in Section 5.3.

A proposed change, test or experiment shall be deemed to involve an unreviewed environmental question if it concerns (1) a matter which may result in a significant increase in any adverse environmental impact previously evaluated in the final environmental statement (FES) as modified by staff's testimony to the Atomic Safety and Licensing Board, supplements to the FES, environmental impact appraisals, or in any decisions of the Atomic Safety and Licensing Board; or (2) a significant change in effluents or power level in accordance with 10 CFR Part 51.5(b)(2); or (3) a matter not previously reviewed and evaluated in the documents specified in (1) of this Subsection, which may have a significant adverse environmental impact.

The licensee shall maintain records of changes in facility design or operation and of tests and experiments carried out pursuant to this Subsection. These records shall include a written evaluation which provides a basis for the determination that the change, test, or experiment does not involve an unreviewed environmental question nor constitute a decrease in the effectiveness of this EPP to meet the objectives specified in Section 1.0. The licensee shall include as part of his Annual Environmental Protection

Plan Report (per Subsection 5.4.1) brief descriptions, analyses, interpretations, and evaluations of such changes, tests and experiments.

3.2 Reporting Related to the NPDES Permits and State Certifications

Violations of the NPDES Permit or the State certification (pursuant to Section 401 of the Clean Water Act) shall be reported to the NRC by submittal of copies of the reports required by the NPDES Permit or certification.

Changes and additions to the NPDES Permit or the State certification shall be reported to the NRC within 30 days following the date the change is approved. If a permit or certification, in part or in its entirety, is appealed and stayed, the NRC shall be notified within 30 days following the date the stay is granted.

The NRC shall be notified of changes to the effective NPDES Permit proposed by the licensee by providing NRC with a copy of the proposed change at the same time it is submitted to the permitting agency. The notification of a licensee-

initiated change shall include a copy of the requested revision submitted to the permitting agency. The licensee shall provide the NRC a copy of the application for renewal of the NPDES permit at the same time the application is submitted to the permitting agency.

3.3 Changes Required for Compliance with Other Environmental Regulations

Changes in plant design or operation and performance of tests or experiments which are required to achieve compliance with other Federal, State, or local environmental regulations are not subject to the requirements of Section 3.1.

4.0 Environmental Conditions

4.1 Unusual or Important Environmental Events

Any occurrence of an unusual or important event that indicates or could result in significant environmental impact causally related to plant operation shall be recorded and promptly reported to the NRC within 24 hours by telephone, telegraph, or facsimile transmissions followed by a written report per Subsection 5.4.2. The following are examples: excessive bird impaction events, onsite plant or animal disease outbreaks, unusual mortality or occurrence of any species protected by the Endangered Species Act of 1973, unusual fish kills, unusual increase in nuisance organisms or conditions, and unanticipated or emergency discharge of waste water or chemical substances.

No routine monitoring programs are required to implement this condition.

4.2 Environmental Monitoring

None

5.0 Administrative Procedures

5.1 Review and Audit

The licensee shall provide for review and audit of compliance with the Environmental Protection Plan. The audits shall be conducted independently of the individual or groups responsible for performing the specific activity. A description of the organization structure utilized to achieve the independent review and audit function and results of the audit activities shall be maintained and made available for inspection.

5.2 Records Retention

Records and logs relative to the environmental aspects of plant operation shall be made and retained in a manner convenient for review and inspection. These records and logs shall be made available to NRC on request.

Records of modifications to plant structures, systems and components determined to potentially affect the continued protection of the environment shall be retained for the life of the plant. All other records, data and logs relating to

this EPP shall be retained for five years or, where applicable, in accordance with the requirements of other agencies.

5.3 Changes in Environmental Protection Plan

Request for change in the Environmental Protection Plan shall include an assessment of the environmental impact of the proposed change and a supporting justification. Implementation of such changes in the EPP shall not commence prior to NRC approval of the proposed changes in the form of a license amendment incorporating the appropriate revision to the Environmental Protection Plan.

5.4 Plant Reporting Requirements

5.4.1 Routine Reports

An Annual Environmental Protection Plan Report describing implementation of this EPP for the previous year shall be submitted to the NRC prior to May 1 of each year. The initial report shall be submitted prior to May 1 of the year following issuance of the operating license. The period of the first report shall begin with the date of issuance of the operating license.

The report shall include summaries and analyses of the results of the environmental protection activities required by Subsection 4.2 of this Environmental Protection Plan for the

report period, including a comparison with preoperational studies, operational controls (as appropriate), and previous non-radiological environmental monitoring reports, and an assessment of the observed impacts of the plant operation on the environment. If harmful effects or evidence of trends towards irreversible damage to the environment are observed, the licensee shall provide a detailed analysis of the data and a proposed course of action to alleviate the problem.

The Annual Environmental Protection Plan Report shall also include:

- (a) A list of EPP noncompliances and the corrective actions taken to remedy them.
- (b) A list of all changes in station design or operation, tests, and experiments made in accordance with Subsection 3.1 which involved a potentially significant unreviewed environmental issue.
- (c) A list of nonroutine reports submitted in accordance with Subsection 5.4.2.
- (d) A list of all reports submitted in accordance with the NPDES permit or the State certification.

In the event that some results are not available by the report due date, the report shall be submitted noting and explaining the missing results. The missing data shall be submitted as soon as possible in a supplementary report.

5.4.2 Nonroutine Reports

A written report shall be submitted to the NRC within 30 days of occurrence of nonroutine event. The report shall (a) describe, analyze, and evaluate the event, including extent and magnitude of the impact and plant operating characteristics, (b) describe the probable cause of the event, (c) indicate the action taken to correct the reported event, (d) indicate the corrective action taken to preclude repetition of the event and to prevent similar occurrences involving similar components or systems, and (e) indicate the agencies notified and their preliminary responses.

Events reportable under this subsection which also require reports to other Federal, State or local agencies shall be reported in accordance with those reporting requirements in lieu of the requirements of this subsection. The NRC shall be provided a copy of such report at the same time it is submitted to the other agency.

APPENDIX B
TO
FACILITY OPERATING LICENSE
FOR

POWER AUTHORITY
OF THE STATE OF NEW YORK

INDIAN POINT 3 NUCLEAR
POWER PLANT

ENVIRONMENTAL TECHNICAL SPECIFICATION
REQUIREMENTS

PART II: RADIOLOGICAL ENVIRONMENTAL TECHNICAL
SPECIFICATION REQUIREMENTS

FACILITY LICENSE NO. DPR-64

DOCKET NUMBER 50-286

TABLE OF CONTENTS

	<u>Page</u>
1.0 <u>DEFINITIONS</u>	1-1
2.0 <u>LIMITING CONDITIONS FOR OPERATION</u>	2.0-1
2.1 Thermal	DELETED
2.2 Hydraulic	DELETED
2.3 Chemical	DELETED
2.4 Radioactive Discharges	2.4-1
2.4.1 Specifications for Liquid Waste Effluents	2.4-3
2.4.2 Specifications for Gaseous Waste Effluents	2.4-8
2.4.3 Specifications for Solid Waste Handling and Disposal	2.4-17
3.0 <u>MONITORING REQUIREMENTS</u>	2.0-1
3.1 Thermal	DELETED
3.2 Hydraulic	DELETED
3.3 Chemical	DELETED
3.4 Radioactive Discharges	2.4-1
3.4.1 Specifications for Liquid Waste Sampling and Monitoring	2.4-3
3.4.2 Specifications for Gaseous Waste Sampling and Monitoring	2.4-8

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>
4.0 <u>ENVIRONMENTAL SURVEILLANCE PROGRAMS</u>	4.1-1
4.1 Nonradiological Surveillance	4.1-1
4.1.1 Abiotic	4.1-1
a. Thermal Plume Mappings	DELETED
b. Meteorological Studies	4.1-1
4.1.2 Biotic	DELETED
4.2 Radiological Surveillance	4.2-1
4.2.1 Radiological Environmental Monitoring Survey	4.2-1
5.0 <u>ADMINISTRATIVE CONTROLS</u>	5-1
5.1 Responsibility	5-1
5.2 Organization	5-1
5.3 Review and Audit by Plant Operating Review Committee (PORC)	5-2
5.4 Review and Audit by Safety Review Committee (SRC)	5-3
5.5 Procedures	5-4
5.6 Plant Report Requirements	5-5
5.7 Records Retention	5-6

LIST OF FIGURES

<u>Figure No.</u>	<u>Title</u>	<u>Page</u>
4.2-1a	Radiation Sampling Site Locations (Near Indian Point)	4.2-13
4.2-1b	Radiation Sampling Site Locations (10 Miles)	4.2-14
5.2-1	Plant Organization Chart	5-7
5.2-2	Management Organization Chart	5-8
2.1-1	DELETED	
4.1-1	DELETED	
4.1-2	DELETED	

LIST OF TABLES

<u>Table No.</u>	<u>Title</u>	<u>Page</u>
2.3-1	Deleted	
2.3-2	Deleted	
2.4-1	Radioactive Liquid Waste Sampling and Analysis	2.4-19
2.4-2	Radioactive Gaseous Waste Sampling and Analysis	2.4-21
2.4-3	PWR - Location of Process and Effluent Monitors and Sampler Required by Technical Specifications	2.4-23
2.4-4	PWR - Gaseous Waste System Location of Process and Effluent Monitors and Samplers Required by Technical Specifications	2.4-24
2.4-5	Gamma and Beta Dose Factors for Indian Point Units Nos. 1, 2 and 3	2.4-25
4.1-1	Deleted	
4.1-2	Deleted	

1.0 DEFINITIONS

Definitions 1-1 through 1.13 - Deleted

1.0 DEFINITIONS

1.14 Deleted

1.15 Deleted

1.16 Maximum Permissible Concentration (MPC) - is that concentration of a radionuclide according to 10 CFR Part 20, Appendix B, Table II in air (MPC_a) or water (MPC_w).

1.17 Deleted

1.18 The design of the shared liquid radioactive waste treatment system at the Indian Point Units Nos. 1, 2 and 3 precludes monitoring the actual release rates per reactor as specified in Specifications 2.4 b, 2.4.1.b, 2.4.1.c, 2.4.1.f and 2.4.1.h. The release rate per site shall be equal to the release rate per reactor times the number of reactors producing radioactive effluents at the site irrespective of the actual release rate from each reactor through the shared liquid radioactive waste treatment system.

References

Deleted

2.0 LIMITING CONDITIONS
FOR OPERATION

3.0 MONITORING REQUIREMENTS

Applicability

Applies to the controlled release of radioactive liquid, gaseous waste effluents and solid waste from the Indian Point Station.

Objective

To define the conditions for controlled release of radioactive liquids to the Hudson River and radioactive gases to the atmosphere in order to assure compliance with applicable Federal regulations.

2.1 THERMAL
Deleted

Applicability

Applies to routine sampling and analysis of the Station effluents and to an analytical evaluation of the data collected from the environmental monitoring survey.

Objective

To establish a sampling and analysis program which will assure that all effluents are kept within applicable Federal regulations.

3.1 THERMAL
Deleted

2.2 HYDRAULICS OF CIRCULATING WATER SYSTEM (CWS)

Deleted

3.2 HYDRAULICS OF CIRCULATING WATER SYSTEM (CWS)

Deleted

2.0 LIMITING CONDITIONS FOR OPERATION

3.0 MONITORING REQUIREMENTS

2.3

CHEMICAL

Deleted

3.3 CHEMICAL

Deleted

4.0 ENVIRONMENTAL SURVEILLANCE PROGRAMS

4.1 NONRADIOLOGICAL ENVIRONMENTAL SURVEILLANCE

4.1.1.a Thermal Plume Mapping

Deleted

4.0 ENVIRONMENTAL SURVEILLANCE AND SPECIAL STUDIES

4.1.2 Deleted

5.0 ADMINISTRATIVE CONTROLS

Administrative and management controls have been established to provide continuing protection to the environment through implementation of the Radiological Environmental Technical Specifications (RETSS). This section describes the assignment of responsibilities, organizational structure, operations, procedures, review and audit functions and reporting specifications. For the purposes of this section the term "Radiological Environmental" also includes meteorological studies performed under the non-radiological surveillance subsection (4.1) of Appendix B, Part II.

5.1 RESPONSIBILITY

5.1.1 The Resident Manager, the Plant Operating Review Committee and headquarters' engineering and operations personnel have responsibility for review of the RETSS.

5.1.2 The Resident Manager shall have direct responsibility for assuring the operation of the Indian Point No. 3 Plant is conducted in such a manner as to provide continuing protection to the environment. During periods when the Resident Manager is unavailable, he shall delegate his responsibilities to the Superintendent of Power, or in his absence, to other qualified supervisory personnel.

5.1.3 The implementation of the RETSS is the responsibility of the Superintendent of Power, with the assistance of the plant staff organization. The plant staff organization is shown in Figure 6.2-1 of Appendix A.

5.1.4 Monitoring of radiological environmental programs will be performed by site technical personnel, and when necessary, by environmental consultant personnel. Engineers from the headquarters' staff will be available for assistance when required.

5.2 ORGANIZATION

Organization relative to radiological environmental matters at the plant and headquarters' levels are presented in Figure 5.2-1 and 5.2-2 respectively.

5.3 REVIEW AND AUDIT BY PLANT OPERATING REVIEW COMMITTEE (PORC)

5.3.1 Review and audit of radiological environmental matters by PORC shall be performed as described below and in Section 6.5 of Appendix A.

5.3.2 The responsibilities of the Plant Operating Review Committee as related to the RETSS are as follows:

- a. Review results of radiological environmental monitoring programs prior to submittal in each annual radiological environmental monitoring report.
- b. Review proposed changes to the RETSs and the evaluated impact of the change.
- c. Review proposed changes or modifications to the plant systems or equipment and the evaluated impact which would adversely affect the evaluation of the plant's radiological environmental impact.
- d. Review the RETS development with the Safety Technical Specifications to avoid conflicts and for consistency.
- e. Review all proposed procedures or changes thereto which pertain to these RETS requirements.
- f. Review all reported violations of RETSs. Where review warrants, prepare and forward a report covering their evaluation and recommendation to prevent recurrence to the Resident Manager and the Chairman of the Safety Review Committee.

5.3.3 The Plant Operating Review Committee will make tentative determination as to whether or not proposals submitted to the committee involve a change in the plant's radiological environmental impact. This determination is subject to review by the Safety Review Committee.

5.4 REVIEW AND AUDIT BY SAFETY REVIEW COMMITTEE (SRC)

5.4.1 Review and audit of radiological environmental matters by the SRC shall be as described below and in Section 6.5.2 of Appendix A.

5.4.2 The responsibilities of the Safety Review Committee as related to the RETs are as follows:

- a. Review proposed changes and/or modifications to procedures, equipment or systems which adversely affect the plant's radiological environmental impact.
- b. Review proposed tests and experiments which adversely affect the plant's radiological environmental impact.

- c. Review proposed changes in the Operating License and Technical Specifications relating to radiological environmental concerns.
- d. Make or Cause to be made periodic audits of plant operation to verify conformance with the RETSS.
- e. Review violations of the RETSS.

5.5 PROCEDURES

5.5.1 Detailed written procedures, including applicable checklists and instructions, shall be prepared and followed for all activities involved in carrying out the radiological environmental monitoring program. Procedures include sampling, data recording and storage, instrument calibration, measurements and analyses, and actions to be taken when limits are approached or exceeded. Testing frequency of alarms, as determined from experience with similar instruments in similar environments and from manufactures's technical manuals, have also been included.

5.5.2 Plant Operating Procedures include provisions, in addition to the procedures specified in Section 5.5.1, to ensure that all plant systems and components are operated in compliance with the limiting conditions for operation established as part of the RETSS.

5.5.3 DELETED

5.6 PLANT REPORTING REQUIREMENTS

- 5.6.1 Routine Reports
- a. Annual Environmental Operating Report

Part A: DELETED

Part B: Radiological Report. A report on the radiological environmental surveillance programs for the previous 12 months of operation shall be submitted to the Director of the NRC Regional Office (with a copy to the Director, Office of Nuclear Reactor Regulation) as a separate document within 120 days after January 1, of each year. The reports shall include summaries, interpretations, and statistical evaluation of the results of the radiological environmental surveillance activities for the report period, including a comparison with pre-operational studies, operational controls (as appropriate) and previous environmental surveillance reports and an assessment of the observed impacts of the plant operation

on the environment. The reports shall also include the results of land use censuses required by the Technical Specifications. If harmful effect or evidence of irreversible damage are detected by the monitoring, the licensee shall provide an analysis of the problem and a proposed course of action to alleviate the problem.

Results of all radiological environmental samples taken shall be summarized and tabulated on an annual basis. In the event that some results are not available within the 120 day period, the report shall be submitted noting and explaining the reasons for the missing results. The missing data shall be submitted as soon as possible in a supplementary report.

5.6.1

- b. Semiannual, and/or Special Environmental Operating Reports

DELETED

5.6.1

- c. Radioactive Effluent Release Report

A report on the radioactive discharges released from the plant during the previous 6 months of operation shall be submitted to the Director of the NRC Regional Office (with a copy to the Director, Office of Nuclear Reactor Regulation) within 60 days after January 1 and July 1 of each year. The period of the first report shall begin with the date of initial criticality. The report shall include a summary of the quantities of radioactive liquid and gaseous effluents released and solid waste shipped from the plant as outlined in Regulatory Guide 1.21, Rev. 1, "Measuring, Evaluating, and Reporting Radioactivity in Solid Wastes and Releases of Radioactive Materials in Liquid and Gaseous Effluents from Light-Water-Cooled Nuclear Power Plants," with data summarized on a quarterly basis following the format of Appendix B, thereof.

The report shall include a summary of the meteorological conditions concurrent with the release of gaseous effluents during each quarter as outlined in Regulatory Guide 1.21, Rev.1, with data summarized on a quarterly basis following the format of Appendix B thereof.

5.6.2

- a. Nonroutine Reports
Nonroutine Environmental Operating Reports

DELETED

5.6.2

b. Nonroutine Radiological Environmental Operating Reports

(1) Anomalous Measurement Report. If a confirmed measured level of radioactivity in any environmental medium exceeds ten times the control station value, a written report shall be submitted to the Director of the NRC Regional Office (with a copy to the

Director, Office of Nuclear Reactor Regulation) within 14 days after confirmation if said radioactivity is caused by operation of Unit No. 3.* This report shall include an evaluation of any release conditions, environmental factors, or other aspects necessary to explain the anomalous result.

(2) Milk Pathway Measurements

(a) If cow or goat milk samples collected over a calendar quarter show average concentrations of 4.8 picocuries per liter or greater, and if said radioactivity is caused by operation of Unit No. 3, a plan shall be submitted within 30 days advising the Director of Office of Inspection and Enforcement of the proposed action to ensure the plant-related annual doses will be within the design objective of 15 mrem/yr to the thyroid of any individual.

(b) When pasture grass is sampled rather than goat milk, if individual pasture grass samples show I-131 concentrations of 0.022 picocuries per gram (wet weight) or greater, and if said radioactivity is caused by operation of Unit No. 3, a plan shall be submitted within 30 days advising the Director of Office of Inspection and Enforcement of the proposed action to ensure that plant-related annual doses will be within the design objective of 15 mrem/yr to the thyroid of any individual.

(3) Nonroutine Radioactive Effluent Report

The reporting requirements for nonroutine radioactive discharges are specified in Section 2.4 and 3.4 of these specifications.

5.6.3 Changes in Radiological Environmental Technical Specifications

a. A report shall be made to the NRC prior to implementation of a change in plant design, in plant operation, or in procedures described in Section 5.5 if the change would

*A confirmatory reanalysis of the original, a duplicate, or a sample may be desirable as appropriate. The results of the confirmatory analysis shall be completed at the earliest time consistent with the analysis, but in any case, within 30 days.

have a significant adverse radiological effect on the environment. The report shall include a description and evaluation of the change and supporting information.

b. Request for changes in the RETSS shall be submitted to the Director, Division of Operating Reactors, for review and authorization.

c. DELETED

5.7

RECORDS RETENTION

5.7.1 Records and logs relative to the following areas shall be made and retained for the life of the plant:

- a. Records and drawings detailing plant design changes and modifications made to system and equipment as described in Section 5.6.3.
- b. Records of all data from radiological environmental monitoring and surveillance required by these RETSS.
- c. All other records and logs relating to the RETSS shall be retained for five years following logging or recording.

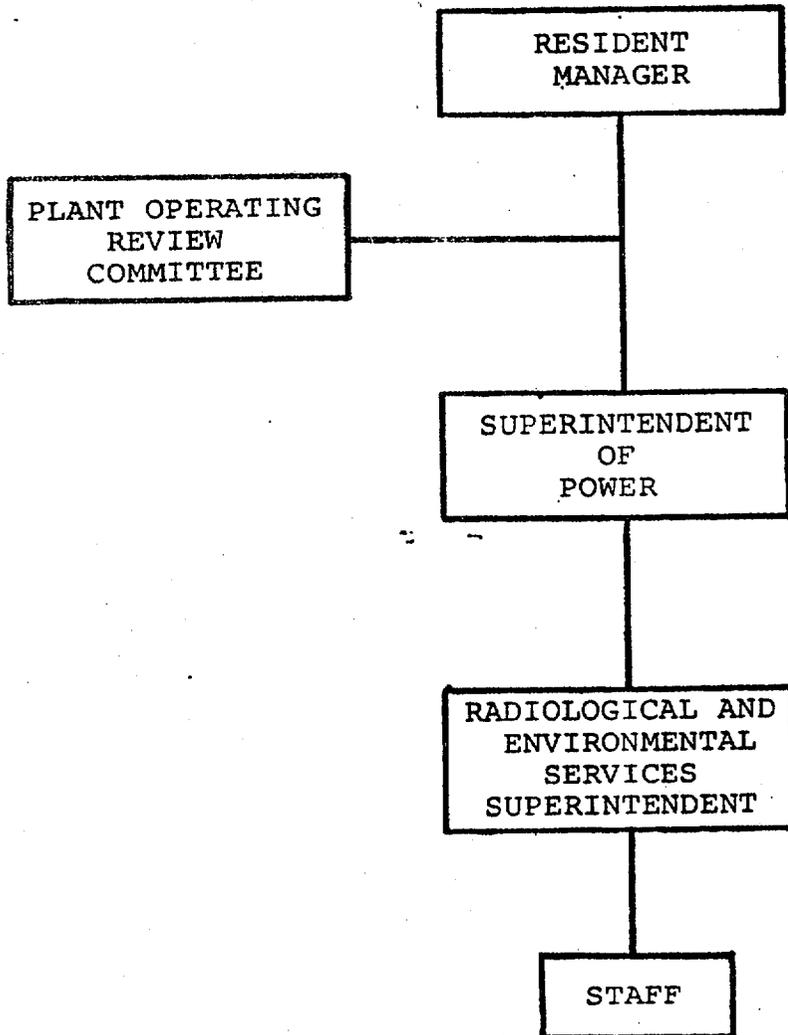


Figure 5.2-1
Plant Organization-Radiological
Environmental
Indian Point 3 Nuclear Power Plant

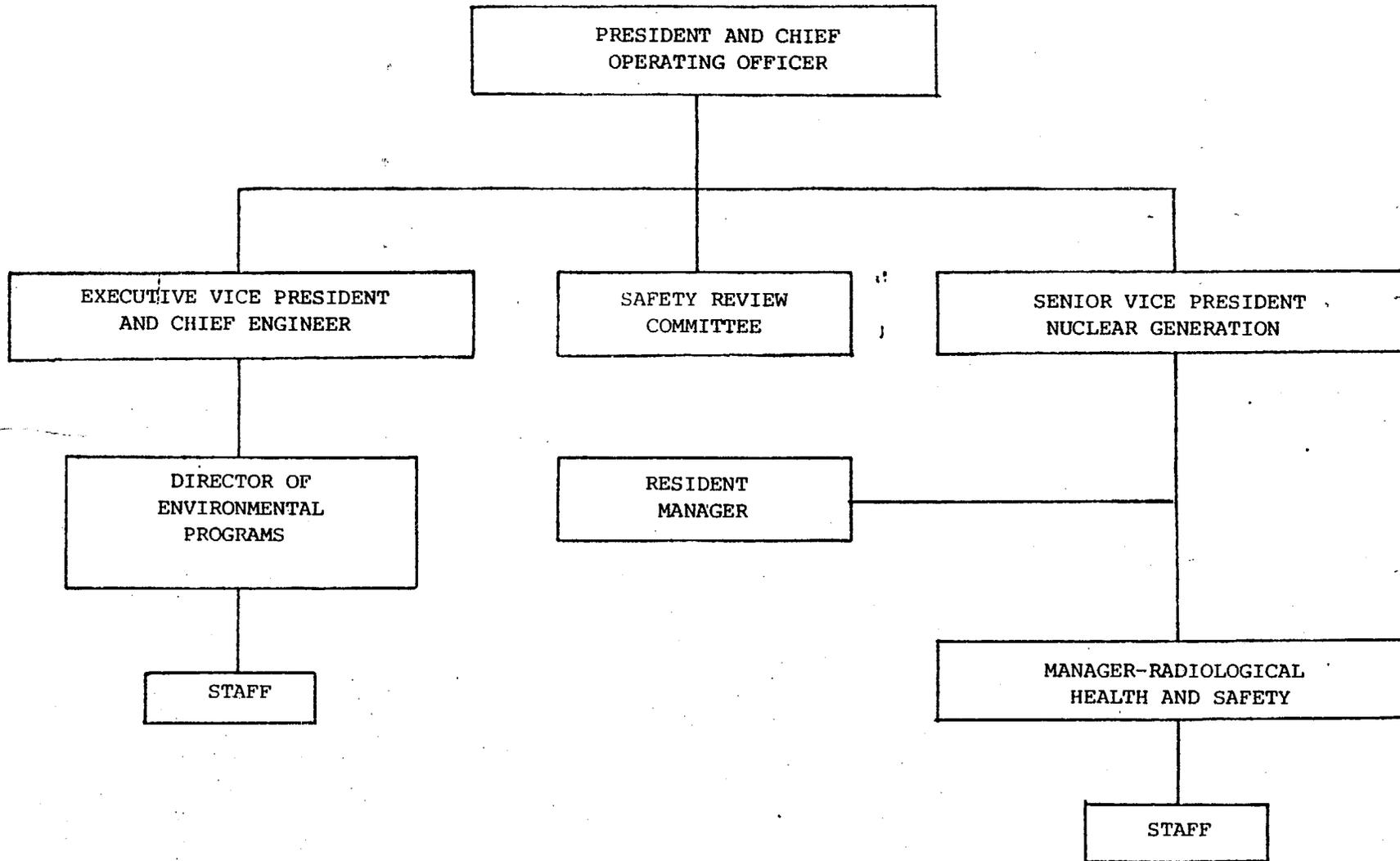


FIGURE 5.2-2
MANAGEMENT ORGANIZATION-OFFSITE ENVIRONMENTAL

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-286POWER AUTHORITY OF THE STATE OF NEW YORKNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 35 to Facility Operating License No. DPR-64, issued to the Power Authority of the State of New York (the licensee), which revised Environmental Technical Specifications for operation of the Indian Point Nuclear Generating Unit No. 3 (the facility) located in Buchanan, Westchester County, New York. The amendment is effective as of the date of issuance.

The amendment revises the Appendix B Environmental Technical Specifications to delete non-radiological environmental requirements, and to add a non-radiological environmental protection plan. The NRC will rely on the requirements of the State Pollutant Discharge Elimination System (SPDES) Permit issued by the State of New York for the protection of the aquatic environment.

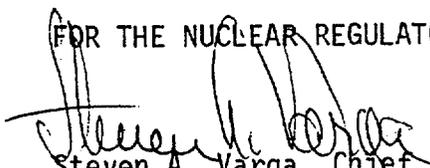
The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR 51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated February 27, 1981, and (2) Amendment No. 35 to License No. DPR-64 and (3) the Commission's related letter dated April 24, 1981. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C and at the White Plains Public Library, 100 Martine Avenue, White Plains, New York. A copy of items (2) and (3) may be obtained upon request addressed to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 24th day of April, 1981.

FOR THE NUCLEAR REGULATORY COMMISSION


Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing