

Final Stop 016

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MAY 26 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:

On April 24, 1981, the Commission issued Amendment No. 35 to Facility Operating License No. DPR-64 for the operation of Indian Point Nuclear Generating Unit No. 3. The amendment revised the Appendix B Environmental Technical Specifications to delete non-radiological environmental requirements and to add a non-radiological environmental protection plan.

The instruction sheet to the amendment was in error in that it was misleading as to removal of certain pages, resulting in pages remaining in the TS which should have been removed.

In order to properly correct the TS as intended, enclosed is a new instruction sheet properly corrected for removal of pages, together with a set of TS pages to be inserted.

Please accept our apologies for any inconvenience this error may have caused.

Sincerely,

Original signed by:
 S. A. Varga
 Steven A. Varga, Chief
 Operating Reactors Branch #1
 Division of Licensing

Enclosure:
 Corrected instruction
 sheet with TS pages

cc: w/enclosure
 See next page

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Mr. George T. Berry
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New York, New York 10047

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 through 1-6

2.1-1 through 2.1-13
2.2-1 through 2.2-6
2.3-1 through 2.3-22
4.1-1
4.1-9 through 4.1-38
5.1 through 5.12

Insert Pages

Part I Cover Sheet
Part I Table of Contents
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3-1 through 3-4
4-1
5-1 through 5-4
Part II Cover Sheet
i through v
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3.2	Hydraulic	DELETED
3.3	Chemical	DELETED
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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)

3.2

HYDRAULICS OF CIRCULATING WATER SYSTEM (CWS)

Deleted

Deleted

2.2-1

Amendment No. 35

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 there-to 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 manufacturers'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 Nonroutine Reports

a. 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.

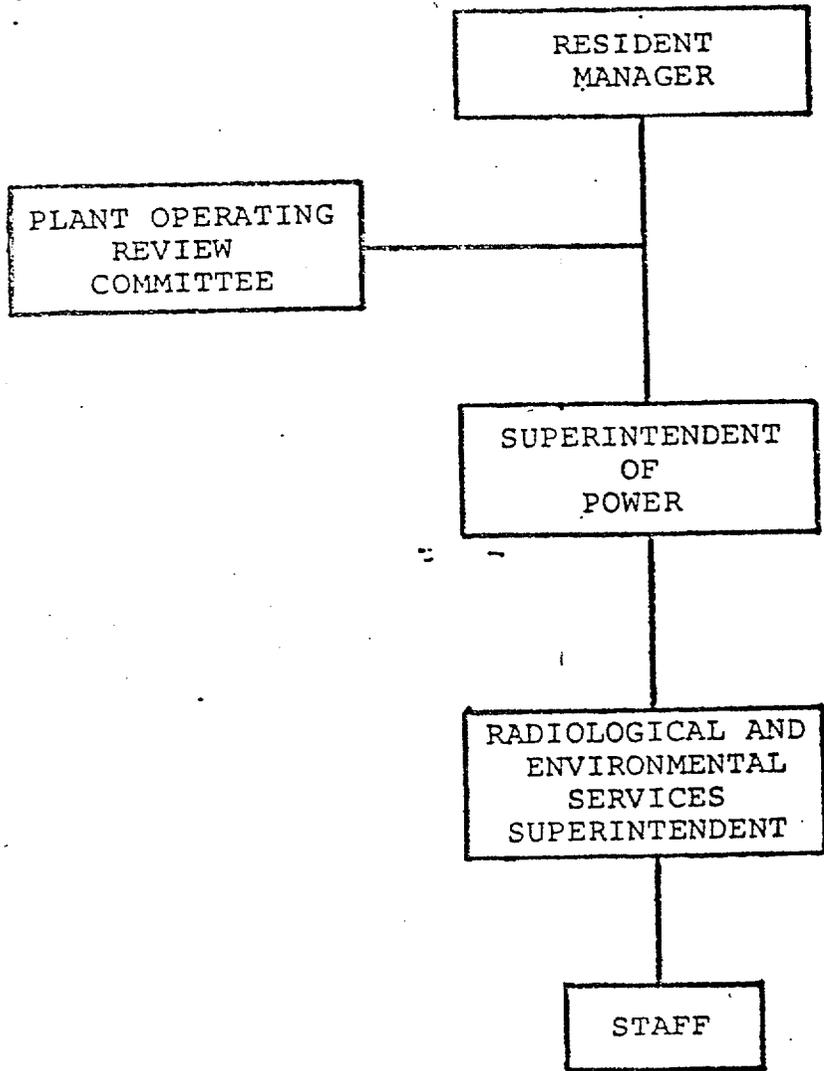
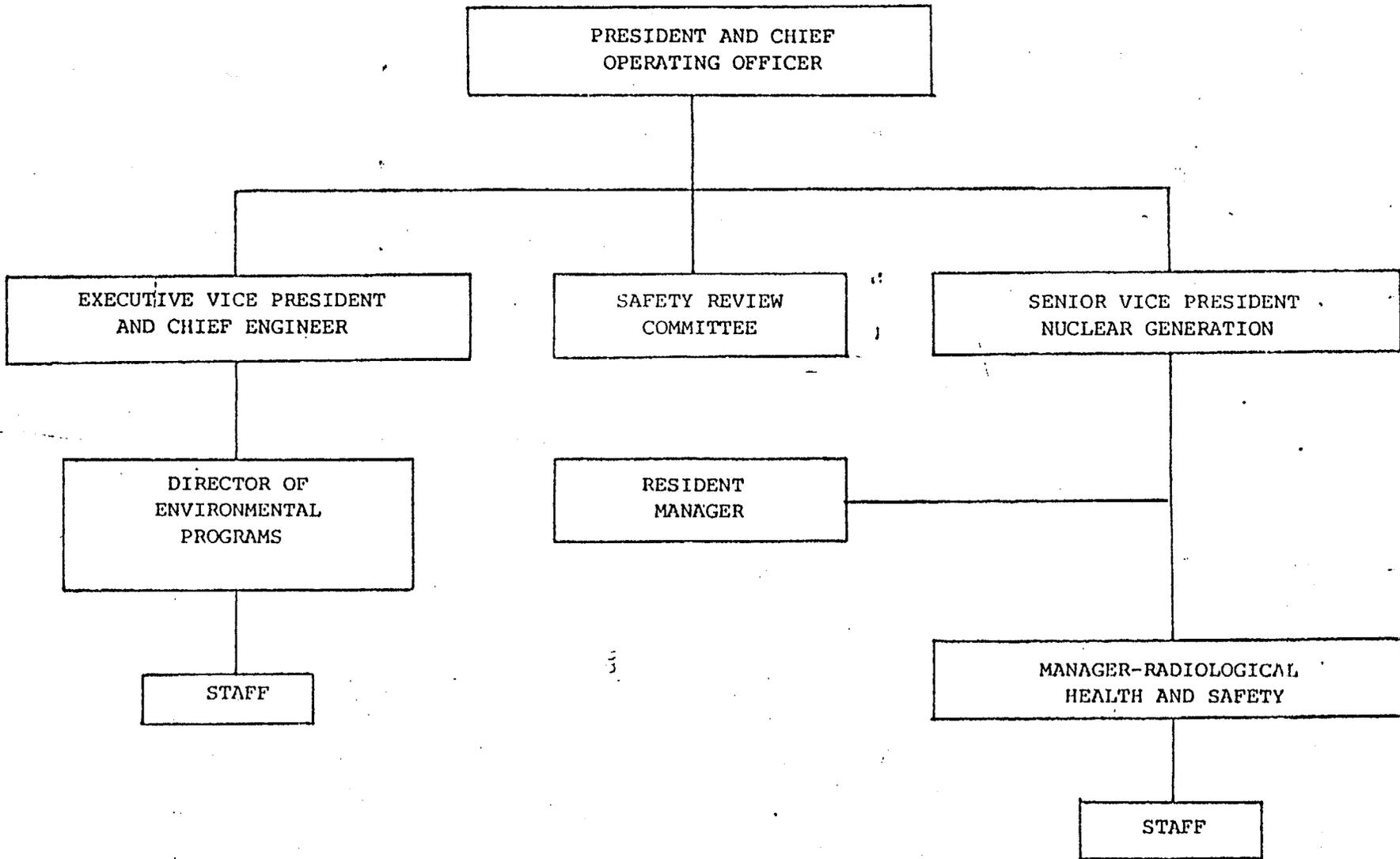


Figure 5.2-1
Plant Organization-Radiological
Environmental
Indian Point 3 Nuclear Power Plant



5-8

FIGURE 5.2-2
MANAGEMENT ORGANIZATION-OFFSITE ENVIRONMENTAL