

ATTACHMENT I

PROPOSED TECHNICAL SPECIFICATION CHANGES

RELATED TO

NON-RADIOLOGICAL SPECIFICATIONS IN APPENDIX B

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
DOCKET NO 50-333
DPR-59

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1.0 Definitions

Normal Plant Operation is with the reactor critical and above one percent rated power and in conformance with the requirements of the Technical Specifications.

Sample. Material gathered, such as water or fish, for the purpose of analyzing for a certain parameter or characteristic.

Sub-sample. A sample which is divided in a uniform manner so as to make the analysis of the smaller portion representative of the total sample. For example, a large sample of fish would be divided into a smaller sample with the same ratio of species and weight of fish as the whole sample.

Amendment No.

LIMITING CONDITIONS FOR OPERATIONS

2.0 Protection Limits

2.1 This section intentionally deleted.

2.2 This section intentionally deleted.

Pages 3 -5 Intentionally deleted.

Amendment No. ~~25~~, ~~46~~ 3

Pages 16a -32 Intentionally deleted.

Amendment No. ~~46~~

16a

4.0 Environmental Surveillance and Special Study Programs

4.1 (Deleted)

4.2 (Deleted)

4.3 Environmental Radiological Monitoring

OBJECTIVE

An environmental radiological monitoring program shall be conducted to evaluate the effects of station operation on the environs and to verify the effectiveness of the controls on radioactive materials sources.

SPECIFICATION

An environmental radiological monitoring program shall be conducted as follows:

1. The environmental radiation monitoring program specified in Table 4.3-1 shall be conducted.
2. Reporting requirements for the environmental radiological monitoring program are outlined in Sect. 5.5, Plant Reporting Requirements.
3. During the seasons that animals producing milk for human consumption are on pasture, samples of fresh milk shall be obtained from these animals at the frequencies and number of locations shown in Table 4.3-1 and analyzed for their radioiodine content, calculated as I-131. Analysis shall be carried out within eight days (one I-131 half-life) of sampling. Suitable analytical procedures shall be used to determine the radioiodine concentration to a sensitivity of 0.5 picocuries per liter of milk at the time of sampling. For activity levels at or above 0.5 picocuries per liter, overall error (one sigma confidence level) of the analysis shall be within \pm 25 percent. Results shall be reported, with associated calculated error, as picocuries of I-131 per liter of milk at the time of sampling.

b. Radioactive Effluent Release Report

A report on the radioactive discharges released from the site 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 and solid waste released from the plant as outlined in Regulatory Guide 1.21, "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, with data summarized on a quarterly basis following the format of Appendix B thereof.

5.6.2 Nonroutine Reports

a. Nonroutine Environmental Operating Reports

A report shall be submitted in the event that (a) a limiting condition for operation is exceeded (as specified in Section 2, "Limiting Conditions for Operation") or (b) an unusual important event occurs that causes a significant environmental impact.

(1) Prompt Report. Those events requiring prompt reports shall be reported within 24 hours by telephone, telegraph, or facsimile transmission to the Director of the NRC Regional Office and within 14 days by a written report to the Director of the Regional Office (with a copy to the Director, Office of Nuclear Reactor Regulation).

(2) 30-Day Report. Those events not requiring prompt reports shall be reported within 30 days by a written report to the Director of the NRC Regional Office (with a copy to the Director, Office of Nuclear Reactor Regulation).

(Written 14-day and 30-day reports and, to the extent possible, the preliminary telephone, telegraph, or facsimile reports shall (a) describe, analyze, and evaluate the occurrence, including extent and magnitude of the impact, (b) describe the cause of the occurrence, and (c) indicate the corrective action (including any significant changes made in procedures) taken to preclude repetition of the occurrence and to prevent similar occurrences involving similar components or systems.

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 operations established as part of the Environmental Technical Specifications.

5.6 PLANT REPORTING REQUIREMENTS

5.6.1 Routine Reports

a. Annual Environmental Operating Report

(This part intentionally deleted.)

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 90 days after January 1 of each year. The period of the first report shall begin with the date of initial criticality. 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 preoperational 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 effects 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 90 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.

ATTACHMENT II

SAFETY EVALUATION

RELATED TO

NON-RADIOLOGICAL SPECIFICATIONS IN APPENDIX B

POWER AUTHORITY OF THE STATE OF NEW YORK
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SECTION I - DESCRIPTION OF THE CHANGES

The proposed changes delete all non-radiological specification sections and references from Appendix B. In the table of contents (page i), all of Section 3 is deleted, and Subsections 2.1, 2.2, and 4.1 are deleted. Section 4.0, "Environmental Surveillance and Special Study Programs," begins on page 33 rather than page 20.

Tables 2.2-2, 4.1.1-1 and 4.1.1-2 are deleted from the List of Tables on page iii. Figure 4.1.1-1 is deleted from the List of Figures on page iv.

The "Ambient Lake Temperature" definition is deleted from Section 1.0, page 1.

Subsection 2.1, "Thermal," is deleted from Section 2, "Protection Limits," on page 2. Pages 3 through 5, covering all of Subsections 2.1 and 2.2 (Thermal Limits and Chemical Limits), are deleted.

Pages 16a through 32, covering all of Section 3 ("Design and Operating Practices") and Subsection 4.1 ("Biological"), are deleted. Section 4, "Environmental Surveillance and Special Study Programs," begins on page 33 rather than page 20. Subsection 4.2 was deleted in a previous Technical Specification change approved by the Commission.

In Subsection 5.6.2a (page 40), "Nonroutine Environmental Operating Reports," part (b) in the first paragraph, referencing Section 3, is deleted. Part (c) in the same paragraph is relabeled as part (b).

In Subsection 5.6.1a on page 39, "Annual Environmental Operating Report," the non-radiological reporting requirements (Part A) are deleted.

SECTION II - PURPOSE OF THE CHANGES

The non-radiological deletions from Appendix B are being proposed at the request of the Nuclear Regulatory Commission as a ministerial action prescribed by law (the Federal Water Pollution Act Amendments of 1972). Henceforth, non-radiological environmental regulatory requirements will be applied and enforced under the FitzPatrick pollution discharge permit granted by New York State. As amended, Appendix B will reflect the Nuclear Regulatory Commission's jurisdiction only over radiological environmental regulations.

SECTION III - IMPLEMENTATION OF THE CHANGES

The changes, as proposed, will not adversely impact the ALARA or Fire Protection programs at FitzPatrick.

Moreover, the changes will not adversely impact the environment. Henceforth, non-radiological environmental regulatory requirements will be applied and enforced under the FitzPatrick pollution discharge permit granted by New York State.

SECTION IV - CONCLUSION

The incorporation of these changes: a) will not increase the probability or the consequences of an accident or malfunction of equipment important to safety as previously evaluated in the Safety Analysis Report; b) will not increase the possibility of an accident or malfunction of a type other than that evaluated previously in the Safety Analysis Report; c) will not reduce the margin of safety as defined in the basis for any technical specification; and d) does not constitute an unreviewed safety question.

SECTION V - REFERENCES

1. James A. FitzPatrick Facility Operating License, Appendix B (Environmental Technical Specifications).