

ATTACHMENT A

Technical Specification
Page Revisions

Consolidated Edison Company of New York, Inc.
Indian Point Unit No. 2
Docket No. 50-247
August, 1985

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5.3 REACTOR

Applicability

Applies to the reactor core, reactor coolant system, and emergency core cooling systems.

Objective

To define those design features which are essential in providing for safe system operations.

A. Reactor Core

1. The reactor core contains approximately 87 metric tons of uranium in the form of slightly enriched uranium dioxide pellets. The pellets are encapsulated in Zircaloy-4 tubing to form fuel rods. The reactor core is made up of 193 fuel assemblies. Each fuel assembly contains 204 fuel rods.⁽¹⁾
2. Deleted
3. The enrichment of reload fuel will be no more than 3.5 weight percent of U-235.

4. Deleted

5. There are 53 control rods in the reactor core. The control rods contain 142 inch lengths of silver-indium-cadmium alloy clad with the stainless steel.⁽⁵⁾

B. Reactor Coolant System

1. The design of the reactor coolant system complies with the code requirements.⁽⁶⁾
2. All piping, components and supporting structures of the reactor coolant system are designed to Class I requirements, and have been designed to withstand the maximum potential seismic ground acceleration, 0.15g, acting in the horizontal and 0.10g acting in the vertical planes simultaneously with no loss of function.
3. The total liquid volume of the reactor coolant system, at rated operating conditions is 11,350 cubic feet.

References

- (1) FSAR Section 3.2
- (2) Deleted
- (3) Deleted
- (4) Deleted
- (5) FSAR Sections 3.2
- (6) FSAR Table 4.1-9

ATTACHMENT B

Safety Assessment

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Safety Assessment

The proposed technical specification revisions contained in Attachment A to this Application would modify the Indian Point Unit No. 2 Technical Specifications to delete historical information on the initial reactor core design.

Technical specifications 5.3.A.2 and 5.3.A.4 are proposed to be deleted, since they are historical information and have no effect on the present or future with regard to reactor core design. Technical specifications 5.3.A.2 and 5.3.A.4 describe the reactor core design specifically for the initial core. In addition, revisions to the references of technical specification 5.3 have been proposed to reflect the proper sections of the updated FSAR and to delete the Fuel Densification report, which is now referenced in the updated FSAR. The deletion of these specifications will reduce the amount of unnecessary information contained in the Indian Point Unit No. 2 Technical Specifications, which will contribute to more meaningful and simplified technical specifications.

Basis For No Significant Hazards Consideration Determination:

The Commission has provided guidance concerning the application of the standards for determining whether a significant hazards consideration exists by providing certain examples (48FR14870). Example (i) of those involving no significant hazards considerations discusses a purely administrative change as a change to achieve consistency. The proposed revision to delete technical specifications 5.3.A.2 and 5.3.A.4 from the Indian Point Unit No. 2 Technical Specifications will enhance consistency by removing unnecessary historical information.

Therefore, since this application for amendment involves a proposed change that is similar to an example for which no significant hazards consideration exists, we have determined that this application involves no significant hazards consideration.

The proposed changes have been reviewed by both the Station Nuclear Safety Committee and the Consolidated Edison Nuclear Facilities Safety Committee. Both committees concur that these changes do not represent a significant hazards consideration and will not cause any change in the types or increase in the amounts of effluents or any change in the authorized power level of the facility.