

OCT 18 1972

Docket No. 50-286

ENVIRON. FILE (NEPA)

Richard C. DeYoung, Assistant Director for Pressurized Water Reactors, L

REQUEST FOR ADDITIONAL INFORMATION FOR INDIAN POINT NUCLEAR GENERATING PLANT, UNIT 3

Plant Name: Indian Point Nuclear Generating Plant, Unit 3
Licensing Stage: OL
Docket Number: 50-286
Responsible Branch: Environmental Projects, No. 1
Project Manager: H. Specter
Requested Completion Date: October 20, 1972
Applicants Response Date: January 19, 1972
Description of Response: Additional Information
Review Status: Awaiting Information

The enclosed request for additional information results from our review of the applicant's Supplement 2 to the Environmental Report. The applicant has indicated an increase in steam generator blowdown rate but did not include an evaluation of the resulting effects.

Original signed by

R. L. Tedesco
R. L. Tedesco, Assistant Director for Containment Safety
Directorate of Licensing

Enclosure:
As stated

- cc: w/o enclosure
A. Giambusso
W. McDonald
w/enclosure
S. Hanauer
J. Hendrie
D. Vassallo
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Table with columns for OFFICE, SURNAME, and DATE, containing entries for ETSB/L, AD/CS/L, and various staff members with dates from 10/18/72.

# INDIAN POINT NUCLEAR GENERATING PLANT, UNIT 3

## Radioactive Waste Question List

Supplement 2, dated September 1972, to the Environmental Report indicates in Section 14.2, an increase in the steam generator blowdown rate from approximately 1 to 50 gpm. This change could make a great difference on the impact to the environment. Discuss the basis for this change, the capacity of the Unit 1 treatment system to process this stream along with similar streams from Units 1 and 2, and the effects of flashing the steam generator blowdown to the Unit 1 instead of the Unit 3 turbine condenser. Provide the information used to calculate the liquid and gaseous releases from the secondary loop including secondary coolant composition, decontamination factors and iodine partition coefficients. This should include the process flowsheet with equipment capacities, and cycle times for loading and regenerating the demineralizers.

Since Unit 2 is similar to Unit 3, is the amount of steam generator blowdown for Unit 2 expected to increase also? If so, include the results of an evaluation of the overall consequences to the environs.