

POWER AUTHORITY OF THE STATE OF NEW YORK

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August 24, 1979

IPN-79-64

REGULATORY DOCKET FILE COPY

Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. Albert Schwencer, Chief
Operating Reactors Branch No. 1
Division of Operating Reactors

Subject: Indian Point 3 Nuclear Power Plant
Docket No. 50-286

Dear Sir:

The Power Authority of the State of New York (PASNY) transmits herewith three (3) signed originals and forty (40) copies of a document entitled "Supplement 1 to Application for Amendment to Operating License". This amendment revises and supplements the Technical Specification changes proposed in PASNY's November 6, 1978 Application.

Specifically this supplement revises the original application to reflect the inclusion of a method to calculate a pressurizer bubble size, include new heatup, cooldown, hydrostatic pressure and OPS setpoint limit curves which reflect the results of material property tests, conducted on capsule "T", to allow for the shift in RT_{NDT} for up to 9.26 EFPY's. This supplement will further add a comparison limit for the core reactivity balance.

The specific sections of the Technical Specification affected by this supplement are Section 3.1.A, Operational Components; Section 3.1.B, Heatup and Cooldown; Section 3.3.A, Safety Injection and Residual Heat Removal Systems; Section 3.10.10, Reactivity Balance; Section 4.3, Reactor Coolant Integrity Testing 1, and Section 4.13.B, OPS Specifications.

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These changes are intended to assure safe operation of the Overpressurization Protection System installed at Indian Point 3 for a period up to 9.26 EFPY's.

The Authority plans to utilize the update (more conservative) 9.26 EFPY's curves given in this supplement as soon as the life of the present curves (2 EFPY's) are exceeded.

In addition, transmitted herewith are forty-three (43) copies of a document entitled, "Analysis for Capsule T from Indian Point Unit No. 3 Reactor Vessel Radiation Surveillance Program" dated April, 1979. This document is the supporting document for the development of the 9.26 EFPY's heatup, cooldown, hydrostatic pressure and OPS setpoint limit curves.

Finally, since the enclosed supplement to PASNY's November 6, 1978 Application, for which the appropriate licensing filing fee per 10 CFR 170.22 was paid under protest at that time, no payment of filing fee is required at this time.

Very truly yours,



Paul J. Early
Assistant Chief Engineer-Projects

cc: Hon. George V. Begany
White Plans Public Library

BEFORE THE UNITED STATES
NUCLEAR REGULATORY COMMISSION

In the Matter of)	
)	
Power Authority of the State of New York)	Docket No. 50-286
)	
Indian Point 3 Nuclear Power Plant)	

SUPPLEMENT 1 TO
APPLICATION FOR AMENDMENT TO
OPERATING LICENSE

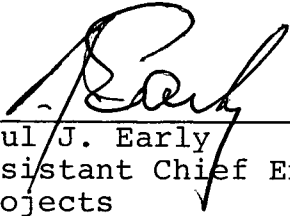
Pursuant to Section 50.90 of the regulations of the Nuclear Regulatory Commission, the Power Authority of the State of New York, as holder of facility Operating License No. DPR-64, hereby applies for Amendment to the Technical Specifications contained in Appendix A of this license.

The Authority hereby revises and supplements its November 6, 1978 Operating Technical Specification Application to include the results of the pressurizer bubble analysis, core reactivity balance comparison limitations and comparison frequency and to incorporate new factor setpoint limit curves applicable through 9.26 EFPY of reactor operation. These latter changes are based on test data obtained by analysis of the Capsule "T" removed from the Unit 3 reactor during its first refueling outage.

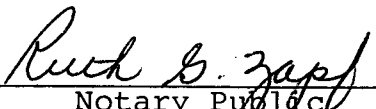
Attachment A of this supplement contains the revised pages and limit curves. Changes to the text are denoted by a double vertical line in the right-hand margin while the changes given in the original 11/6/78 are denoted by a single vertical line.

A Safety Evaluation of the proposed changes is set forth in Attachment B of this supplement. This evaluation demonstrates that the proposed changes do not represent a significant hazards consideration and will not cause any change in the types or an increase in the amounts of effluents or any change in the authorized power level of the facility.

POWER AUTHORITY OF THE
STATE OF NEW YORK

By 
Paul J. Early
Assistant Chief Engineer-
Projects

Subscribed and Sworn to before
me this 24 day of August, 1979.


Notary Public
RUTH G. ZAPP
Notary Public, State of New York
No. 30-4663428
Qualified in Nassau County
Commission Expires March 30, 1980