



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NOS. 100, 14, 125, 15

TO DPR-61, DPR-21, DPR-65, AND NPF-49

CONNECTICUT YANKEE ATOMIC POWER COMPANY

AND NORTHEAST NUCLEAR ENERGY COMPANY, ET AL.

HADDAM NECK PLANT AND MILLSTONE NUCLEAR POWER STATION,

UNIT NOS. 1, 2, AND 3

DOCKET NOS. 50-213, 245, 336 AND 423

INTRODUCTION

By applications for license amendments dated September 24, 1987 and November 2, 1987, Northeast Nuclear Energy Company, et al. and Connecticut Yankee Atomic Power Company requested changes to the Technical Specifications (TS) for Haddam Neck and Millstone Units 1, 2 and 3 as follows: (1) TS 6.5.3.9.b (TS 6.5.2.9.b for Haddam Neck), "Records," would be modified to identify the Nuclear Review Board (NRB) minutes as an acceptable means to forward certain reports to the Senior Vice President, Nuclear Engineering and Operations, (2) a maximum of 12 hours of continuous planned inoperability for liquid and gaseous effluent monitoring instrumentation would be permitted (Millstone Unit 2 only), (3) inoperability of liquid and gaseous effluent monitoring instruments for the purpose of obtaining samples, would be permitted (Millstone Unit 2 only), (4) a period of 12 hours within which auxiliary sampling of radioactive gaseous effluent must be initiated if the established minimum number of effluent monitoring channels become inoperable would be established (Millstone Unit 2 only.)

DISCUSSION AND EVALUATION

Haddam Neck, Millstone Units 1, 2 and 3

At the present time, TS 6.5.3.9.b (TS 6.5.2.9.b for Haddam Neck) requires that reports of Nuclear Review Board (NRB) reviews be prepared, approved and forwarded to the Senior Vice President Nuclear Engineering and Operations within 14 days following completion of the reviews. The requirements of TS 6.5.3.9.b are not specific as to the form of the report. The licensee has proposed to add a clarification as to one acceptable form of NRB report in that, NRB meeting minutes may be used for this purpose.

The proposed changes to TS 6.5.3.9.b (TS 6.5.2.9.b for Haddam Neck) would only effect the TS in that an acceptable vehicle for NRB reporting (NRB minutes) would be specified in the TS. Accordingly, the proposed change to the TS is acceptable.

## Millstone Unit 2

Technical Specifications 3.3.3.9, "Radioactive Liquid Effluent Monitoring Instrumentation", and 3.3.3.10, "Radioactive Gaseous Effluent Monitoring Instrumentation" provide Limiting Conditions for Operation and remedial action requirements for the subject instrumentation. At the present time, TS 3.3.3.9 and 10 allow gaseous and liquid effluent monitoring instruments to be made inoperable for an unspecified period of time within the 30 day action period for the purpose of performing preplanned activities. The TS defines these preplanned activities as "...maintenance and performance of required tests checks and calibration." The licensee has proposed a change to TS 3.3.3.9 and 10 to specify 12 hours as the allowable instrument outage time, for performance of preplanned activities, and to extend the definition of the preplanned activities to include "sampling."

The licensee has proposed an additional change to TS 3.3.3.10 which presently requires that sampling of radioactive gaseous effluent pathways be undertaken if the minimum specified number of the associated monitoring channels become inoperable. The licensee has proposed that such monitoring begin within 12 hours of time that the monitoring channels are determined to be inoperable.

The proposed changes to TS 3.3.3.9 and 3.3.3.10 represent clarification of existing requirements. In the case of the 12 hour period for planned inoperability of the effluent monitoring channels, and the 12 hour period for initiating sampling when the gaseous effluent monitoring channels are inoperable, these periods had not been previously defined in the TS. These 12 hour periods are judged to be acceptable based upon the monitoring function of the instrumentation. In the case of adding "sampling" as a permitted, preplanned, instrument outage activity, "sampling" is expected to account for a small fraction (less than 10%) of total effluent monitoring instrument outage time and is thus, not significant in terms of overall equipment availability.

Based upon the above, the changes to TS 3.3.3.9 and 10 are acceptable.

## ENVIRONMENTAL CONSIDERATION

The amendment for Millstone Unit 2 changes a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The amendments for Haddam Neck and Millstone Units 1, 2 and 3 involve changes which are administrative in nature. The staff has determined that the amendments involve no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously published a proposed finding that the amendments involve no significant hazards consideration and there has been no public comment on such finding. Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR §51.22(c)(9) and (10). Pursuant to 10 CFR §51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendments.

CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations, and the issuance of this amendments will not be inimical to the common defense and security or to the health and safety of the public.

Dated: February 23, 1988

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