

NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
HOLYOKE WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

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October 15, 1982

Docket No. 50-245
B10578

Director of Nuclear Reactor Regulation
Attn: Mr. Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Gentlemen:

Millstone Nuclear Power Station, Unit No. 1
Provisional Operating License No. DPR-21
Reload 8/Cycle 9 License Amendment Submittal

Pursuant to 10CFR50.90, Northeast Nuclear Energy Company (NNECO) on behalf of Millstone Unit No. 1 hereby proposes a change in the next refueled core as described in Attachment No. 1, "Supplemental Reload Licensing Submittal for Millstone Unit 1 Reload 8," Y1003J01A44, dated June, 1982. The new reload fuel consists of 72 General Electric P8DRB282 bundles and 120 General Electric P8DRB283H bundles which are described in the "GE/BWR Generic Reload Fuel Application", NEDE-24011-P-A-4, dated, January, 1982. All 192 new bundles will have drilled lower tie plates and finger springs to regulate bypass flow.

Changes to the plant LOCA evaluation report, "Loss of Coolant Accident Analysis Report for Millstone Unit 1 Nuclear Power Station," NEDO-24085-1, dated July 1980, are provided as Attachment No. 2. An Extended Load Line Limit Analysis was performed for Cycle 8 but not previously submitted to the NRC Staff. This analysis was subsequently reverified for Cycle 9. Accordingly, NEDO-24366, "Extended Load Line Limit Analysis Millstone Point Nuclear Power Station Unit 1," dated September 1981, and NEDO-24366-1, "Supplement 1 to Extended Load Line Limit Analysis Millstone Point Nuclear Power Station Unit 1 (Reverification for Cycle 9)," dated June 1982, are included as Attachment Nos. 3 and 4, respectively.

Attachment No. 5 contains proposed Technical Specification changes for this refueling, along with the technical descriptions and bases for such changes. The on-site safety committee and the off-site Nuclear Review Board have reviewed and approved the proposed changes contained in Items Nos. 1 through 5, which have been found to not constitute any unreviewed safety questions pursuant to 10CFR50.59. The remaining items are scheduled for NRB review on October 22, 1982. Upon NRB approval of these proposed changes, the NRC Staff will be informed. These proposed changes are included at this time to expedite NRC Staff review. These changes would constitute a license amendment which we have assessed pursuant to 10CFR170, with the conclusion that they would constitute a Class IV type of amendment. Accordingly, enclosed herewith is the appropriate fee payment in the amount of \$12,300 (twelve thousand three hundred dollars).

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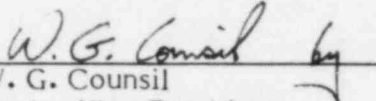
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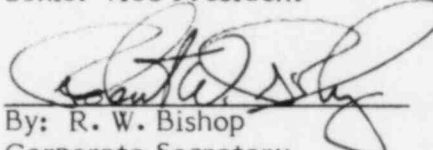
Also included as part of this license amendment application is NEDE-20592-6P, "STR Bundle Submittal Millstone-1 Segmented Test Rod Bundle Supplement 6", dated July 1982. This document updates the original report which was submitted October 3, 1974, as part of the Reload 2 license amendment submittal, and which was also updated for Reloads 3, 4, 5, 6, and 7. The report describes proposed changes to be made to the test bundle composition during the upcoming outage. We have been informed by the General Electric Company that this report is considered proprietary by them, and as such, it is being forwarded under separate cover.

Millstone Unit No. 1 is currently shutdown for refueling. The plant is presently scheduled to obtain criticality on November 10, 1982. Therefore your expeditious review and approval of this submittal by November 3, 1982 is respectfully requested. My staff remains available to assist you to the full extent necessary.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY


W. G. Council
Senior Vice President


By: R. W. Bishop
Corporate Secretary

Docket No. 50-245

Attachment No. 1

"Supplemental Reload Licensing Submittal
for Millstone Unit I Reload 8"

Y1003J01A44, dated June 1982

October 1982