

November 16, 2000

MEMORANDUM TO: James W. Clifford, Chief, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: Jacob I. Zimmerman, Project Manager */RAI/*
Project Directorate I, Section 2
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: MILLSTONE NUCLEAR POWER STATION, UNIT 2, FACSIMILE
TRANSMISSION, DRAFT REQUEST FOR ADDITIONAL INFORMATION
(RAI) TO BE DISCUSSED IN AN UPCOMING CONFERENCE CALL
(TAC NO. MA9646)

The attached draft RAI was transmitted by facsimile on November 9, 2000, to Mr. Ravi Joshi of Northeast Nuclear Energy Company (NNECO). This draft RAI was transmitted to facilitate an upcoming conference call in order to clarify the licensee's submittal dated July 31, 2000. Review of the RAI would allow NNECO to determine and agree upon a schedule to respond to the RAI. This memorandum and the attachment do not convey a formal request for information or represent an NRC staff position.

Docket No. 50-336

Enclosure: Draft Request for Additional Information

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DATE	11/9/00	11/6/00

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DRAFT REQUEST FOR ADDITIONAL INFORMATION
BY THE OFFICE OF NUCLEAR REACTOR REGULATION
MILLSTONE NUCLEAR POWER STATION, UNIT No. 2
NORTHEAST NUCLEAR ENERGY COMPANY
DOCKET NO. 50-336

1. Why have the Hot Zero Power (HZP) outside containment post-trip scram Steamline Break (SLB) events become more limiting than the Hot Full Power (HFP) events?
- 2) According to Table 14.1.5.2-6, HZP SLB outside containment with offsite power available results in a maximum linear heat generation rate (LHGR) of 23.3 kW/ft. Since this appears to be higher than the minimum power level required to produce centerline melt, why does insert 6 to page 14.1-23 state that no fuel failure is predicted to occur due to violation of the fuel centerline melt linear heat rate (FCMLHR) limit?
- 3) The third paragraph of 14.1.5.2.7 states that the highest calculated LHGR value of 24.27 kW/ft. is below the FCMLHR limit, This also appears to be higher than the limit required to produce centerline melt. Since Table 14.1.5.2-6 lists a value of 21.0 kW/ft., is the 24.27 kW/ft. value correct?
- 4) Section 14.1.5.2.6.2. refers to Figs. 14.1.5.2-10 through 14.1.5.2-16 and Table 14.1.5.2-8 as representative of the HZP SLB event outside containment. However, these figures and table previously referred to the HFP event. Should they be revised accordingly?