

May 14, 2001

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

FROM: Daniel S. Collins, 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. MB0866)

The attached draft RAI was transmitted by facsimile on May 10, 2001, to Mr. Ravi Joshi of Dominion Nuclear Connecticut, Inc. (DNC). This draft RAI was transmitted to facilitate an upcoming conference call in order to clarify the licensee's application dated December 21, 2000, regarding revisions of the Millstone Unit 2 Steam Generator Tube Rupture Analysis. Review of the RAI would allow DNC 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	5/10/01

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DRAFT

REQUEST FOR ADDITIONAL INFORMATION
CONCERNING LICENSE AMENDMENT REGARDING
RADIOLOGICAL CONSEQUENCES OF STEAM GENERATOR TUBE RUPTURE
MILLSTONE NUCLEAR POWER STATION, UNIT 2

1. Provide the atmospheric dispersion factors from the release points in the accident to the control room. If the NRC staff has not reviewed and approved these values provide the information necessary to calculate these values. If the NRC has previously approved these atmospheric dispersion factors please provide the information necessary to verify that the NRC staff has performed a review of the values calculated.
2. Please provide details on when the control room ventilation intake is isolated and is set to emergency intake mode following a SGTR.
3. Provide the doses calculated for the SGTR control room dose analyses.
4. Justify ending the iodine spike at four hours following the accident. What mechanism stops the spike at this time?
5. Provide the activity of each radio nuclide used in the analysis for an equilibrium reactor coolant system concentration of 1 micro-Ci/gm Dose Equivalent Iodine-131. What inputs and assumptions were used to calculate these values?
6. Provide the release rates of each radio nuclide used for the accident initiated spike source term and the assumptions and inputs used to calculate these values.
7. Provide the bases for the air ejector partition factor.

DRAFT