

NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

March 9, 1976

Mr. Dennis L. Ziemann, Chief
Operating Reactors Branch # 2
Division of Operating Reactors
U.S. Nuclear Regulatory Commission
Washington, DC 20555



Dear Mr. Ziemann:

MONTICELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

Response to NRC Request for
Filing of Appendix I Information

This letter is to inform you of the measures Northern States Power Company (NSP) intends to pursue to meet the provisions of Section V.B of Appendix I to 10 CFR Part 50, for the Monticello Nuclear Generating Plant. The proposed action incorporates the guidance provided in your letter of February 23, 1976, including Enclosures 1 and 2.

We will demonstrate, by conservative models and data derived from Regulatory Guides 1.AA, 1.CC, 1.DD and 1.EE, that the Monticello Plant can be operated to meet the Appendix I design objectives. The following actions will be included:

1. Plant releases of liquid and gaseous effluents will be calculated according to the models and equations set out in Regulatory Guide 1.CC.
2. Using the release data from Item 1 above, and the dispersion models from Regulatory Guides 1.DD and 1.EE, off-site doses to man will be calculated according to Regulatory Guide 1.AA.
3. Doses computed from Item 2 above will be analyzed with reference to the design objectives set forth in Section II, Para, A, B and C of Appendix I.
4. Appropriate effluent release data from previous reactor operation will be provided and will be evaluated against the source terms calculated under Item 1 above.

We will gather and develop the additional information outlined in Enclosure 2 to your February 23 letter. This information will facilitate calculation of off-site doses based on effluent release data collected during previous reactor operation. The scope will include the following categories:

NORTHERN STATES POWER COMPANY

Mr. D. L. Ziemann

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1. Plant design and operational data
2. Dose pathway information
3. Meteorological and topographical data

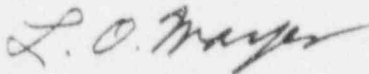
The data to be furnished will be developed, as appropriate, considering the options available to us for some of the Enclosure 2 information (such as meteorological).

The information required pursuant to Section V.B of Appendix I will be submitted on or before June 4, 1976 and we anticipate furnishing the Enclosure 2 information prior to that date.

Since we have engaged consultants who have commenced preparing this information, we wish to assure ourselves, as early as possible, of the suitability of our specific approach in meeting the requirements set out in your February 19 letter. Therefore, we request a meeting with you as soon as possible after receipt of this letter and preferably during the week of March 15.

As you recommended, we will hold in abeyance any development work on Technical Specifications related to Appendix I, pending receipt of appropriate regulatory guidance.

Yours very truly,



L. O. Mayer, PE
Manager, Nuclear Support Services

LOM/ECW/deb

cc: J. G. Keppler
G. Charnoff
MPCA
Attn: J. W. Ferman

DOCKET NUMBER
50-263

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ENCLOSURE

PLANT NAME: Monticello

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FOR ACTION/INFORMATION

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