

NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

May 7, 1976

Mr Victor Stello, Director
Division of Operating Reactors
U S Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr Stello:

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

Mark I Containment Evaluation Short Term Program

Northern States Power Company has joined with other utilities having Mark I pressure suppression type containments in a re-evaluation of their containment systems. Recent investigation by General Electric of the pressure suppression phenomena has identified dynamic load conditions not explicitly addressed in the original design. A generic Short Term Program was initiated by the Mark I utility group to assess the capability of the containment to perform its intended function when subjected to the most probable hydrodynamic loads resulting from a postulated LOCA event. This Mark I Short Term Program is nearing completion. The final task of this evaluation is a plant-unique structural analysis of the torus support system. On April 26, 1976, General Electric, at the request of the Mark I Owners Group, transmitted to you, a proposed utility action plan for the submittal of this plant-unique structural evaluation of the torus support systems.

We have reviewed the information presented by General Electric in their April 26 letter and have determined that the proposal presented is applicable to the action planned for the Monticello Nuclear Generating Plant, by Northern States Power Company. That is, General Electric will submit for the Mark I Owners, Addendum No. 2 to NEDC-20989 (Mark I Containment Evaluation-Short Term Program-Final Report) which will identify dynamic loads to be used in the plant-unique torus support system structural analysis.

Northern States Power Company will submit a separate plant unique torus support system structural analysis report using the loads identified in NEDC-20989, Addendum No. 2 for Monticello. A description of the analysis to be performed on torus support system and attached piping is provided in NUTECH Report MK I-02-012, which is attached to GE's April 26 letter to you.

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NORTHERN STATES POWER COMPANY

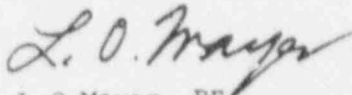
Mr Victor Stello

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May 7, 1976

NUTECH, Inc., will perform the structural analysis for the Monticello torus support system evaluation. The results of this analysis will be used to determine if further action will be necessary as a basis for continued operation during the performance of the long term structural evaluation for Monticello. A report will be prepared to document the results of the structural analysis and submitted to the NRC by about August 1, 1976

Yours very truly,



L O Mayer, PE
Manager, Nuclear Support Services

LOM/LLT/deb

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

UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY

MONTICELLO NUCLEAR GENERATING PLANT

Docket No. 50-263

License No. DPR-22

LETTER DATED MAY 7, 1976
RESPONDING TO NRC REQUESTS
FOR INFORMATION ON CONTAINMENT DESIGN

Northern States Power Company, a Minnesota corporation, by this letter dated May 7, 1976 hereby submits information in response to NRC requests for information concerning the Mark I Containment.

This request contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By

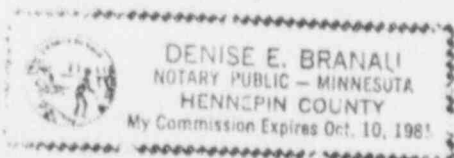

L. J. Wachter

L. J. Wachter

Vice President, Power Production
& System Operation

On this 7th day of May 1976, before me a notary public in and for said County, personally appeared L. J. Wachter, Vice President, Power Production and System Operation, and being first duly sworn acknowledged that he is authorized to execute this document on behalf of Northern States Power Company, that he knows the contents thereof and that to the best of his knowledge, information and belief, the statements made in it are true and that it is not interposed for delay.

Denise E. Brana



50-243

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FILE NUMBER

TO: Mr Stello

FROM: Northern States Pwr Company
Minneapolis, Mn
L O Mayer

DATE OF DOCUMENT

5-7-76

DATE RECEIVED

5-11-76

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DESCRIPTION

Ltr notarized 5-7-76.....furnishing info
concerning Mark I Containment evaluation
short term program.....

ENCLOSURE

PLANT NAME: Monticello

SAFETY

FOR ACTION/INFORMATION

ENVIRO

5-13-76

ehf

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