

NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

May 8, 1975

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

REGULATORY DOCKET FILE COPY

Dear Mr Ziemann:

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

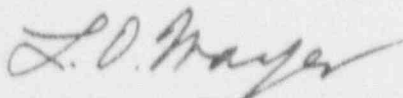
Additional Containment Design Information

Your letter of April 17, 1975, indicated that recent developments associated with Mark III pressure suppression testing being conducted by General Electric indicates that certain suppression pool hydrodynamic loads that occur during a LOCA should be evaluated relative to the Monticello Mark I containment and submitted to you. You also suggested that this response should parallel related efforts on relief valve vent clearing and steam quenching vibration phenomena.

At an April 23-24, 1975, meeting with GE and other utilities owning Mark I containment plants, Northern States Power Company was appraised of the phenomena identified in your letter of April 17, 1975, and the work that GE has performed to date relative to potential structural implications resulting from these phenomena. GE presented a summary of the work they have performed, indicating that the conclusions are applicable to the Monticello Mark I containment. It was further indicated that design parameters will not be exceeded in the Torus or ECCS suction header due to forces resulting from the opening of safety relief valves. Operating experience, plus previous analytical work that has been performed, does not suggest any near future operational safety problems with this containment.

Your April 17 letter which requested containment analyses further stated that we should advise you within fifteen days if we are unable to submit this information within a sixty-day period. This is to advise you that the analyses requested are of such an extensive nature that they cannot be completed within sixty days. Due to the scope of this effort, the utilities that met with General Electric plan to establish a cooperative program for resolution of your inquiry. Another meeting of this group will take place within the next few days. We expect to submit an outline of our tentative program and schedule of responses on both the containment, relief valve vent clearing and steam quenching phenomena by May 30, 1975.

Yours very truly,



L O Mayer, PE
Manager of Nuclear Support Services

LOM/ak

cc: J G Keppler
G Charnoff
Minnesota Pollution Control Agency
Attn: E A Pryzina

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