

Central Files



NORTHERN STATES POWER COMPANY

Minneapolis, Minnesota 55401

July 7, 1980

Mr. James G. Keppler
Director - Region III
Office of Inspection and Enforcement
United States Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

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

The following information is submitted in response to IE Bulletin 80-11.

The San Francisco Power Division of Bechtel Power Corporation has been contracted to identify and re-evaluate masonry walls in the Monticello Nuclear Generating Plant.

With respect to item 1 of the Bulletin, all accessible areas were surveyed to identify masonry walls which are subject to Bulletin requirements. The survey team consists of one member from each of the Civil, Electrical Mechanical and Plant Design disciplines along with a site engineer.

Results of the survey indicate that of the 161 masonry walls installed at Monticello, 117 are subject to Bulletin requirements. Required information concerning these walls is provided in the attached listing.

Surveys of areas inaccessible during normal plant operation will be performed at the earliest opportunity. Results of these surveys will be provided in followup reports.

With respect to item 2a, the re-evaluation will be based on the codes and established standards of practice related to concrete and masonry design typically used throughout the industry. Loads and load combinations described in the FSAR will form the basis for the re-evaluation. These loads will be developed or extracted from plant design records.

The re-evaluation priority will be as follows:

- 1) Walls which affect a reactor coolant or primary containment boundary.
- 2) Walls which affect systems required to achieve and maintain safe shutdown (including fire barriers).
- 3) Walls which affect other safety related equipment.

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- 4) Walls which serve as shield walls but do not affect safety related equipment.

Within each of the categories, walls will be given priority in the following order:

- 1) Walls with highest operating loads.
- 2) Walls with highest overall design loads.
- 3) Walls in proximity to safety related equipment with no support loads.

The construction technique will also be given consideration such that, all other factors being essentially equal, walls with less reinforcement will be given higher priority.

The above described survey team will be utilized to obtain the detailed information required by the Bulletin or as input to the re-evaluation program.

It is anticipated that re-evaluation of all categories of accessible block walls will be completed by the end of October, 1980, to meet the required reporting date of November 4, 1980.

With respect to item 3, it is planned to use acceptance criteria based on codes, established standards of practice and conservative assumptions. Bechtel Power Corporation is formulating these acceptance criteria. It is not believed that a test program will be required to justify the acceptance criteria.

If additional information is required please communicate directly with the plant staff.

Yours very truly,



D. E. Gilberts
Vice President, Power Production

See Rpts

cc: U.S. NRC
Office of Inspection and Enforcement
Division of Reactor Operations Inspection
Washington, DC 20555

Mr. G. Charnoff