

Docket File

JUL 4 1972

Docket No. 50-263

Northern States Power Company  
ATTN: Mr. Arthur V. Dienhart  
Vice President of Engineering  
414 Nicollet Mall  
Minneapolis, Minnesota 55401

Gentlemen:

This is to inform you that the Commission is continuing to maintain a document room at the Environmental Resource Center, Minneapolis Public Library, 1222 S. E. 4th Street, Minneapolis, Minnesota 55414, for documents relating to your Monticello Nuclear Generating Plant (Unit 1). In order to be as responsive as possible to the desires and needs of the State and the general public, we will continue to provide this document room with the following non-proprietary types of documents relating to this facility; your application for full-term operating license and amendments and changes thereto; Commission actions thereon; other requests filed by you; requests for additional information; your environmental report and supplements thereto; AEC Draft and Final Environmental Statements and comments thereon; AEC Safety Evaluations; Reports of the Advisory Committee on Reactor Safeguards; operating, special and incident reports filed by you; and all related Federal Register notices. It also will receive copies of items relating to any public hearing that might be held in the future in connection with this facility.

Though we have provided instructions (copy enclosed) to the librarians in charge of this public document room, we believe that further assistance and guidance would be useful to them and we request that you have one of your representatives make periodic checks of the materials available. In particular, your representative should assure that all revised and supplemental information is properly incorporated in the applications and safety analysis reports, and that any other amendments, reports, and letters which you file with us are available. It is not necessary that you actually supply these documents as we will forward them to

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this document room. However, if you should encounter situations where documents of the type described above are missing, please provide them, if you have them available. If not, please telephone our central files (301-973-7333) and advise them so that the missing information can be provided.

Your cooperation in this matter will be appreciated.

Sincerely,

Donald J. Skovholt  
Assistant Director for  
Operating Reactors  
Directorate of Licensing

Enclosure:  
Instructions to Local Public  
Document Room

cc: Donald E. Nelson, Esquire (w/encl.)  
Vice President and General Counsel  
Northern States Power Company  
414 Nicollet Avenue  
Minneapolis, Minnesota 55401

Environmental Resource Center (w/o encl.)  
Minneapolis Public Library  
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Docket No. 50-263

Northern States Power Company  
ATTN: Mr. Arthur V. Dienhart  
Vice President of Engineering  
414 Nicollet Mall  
Minneapolis, Minnesota 55401

Gentlemen:

Provisional Operating License No. DPR-22 for the Monticello Nuclear Plant will expire on July 19, 1972. This letter is to provide you with guidance in preparing your application for a full-term operating license and thereby expedite our review of it.

1. The application should provide detailed consideration of the facility operating history, including confirmation of design bases and objectives and discussion of any significant plant problems that may have occurred and the remedial actions taken. In addition, it should support the adequacy of the performance and competence of the licensee's organization during the Provisional Operating License period, including onsite staff, technical support groups, advisory committees and management. Further, it should discuss significant changes that have been made to the facility since the Final Safety Analysis Report was prepared, however, extensive detail is generally not required regarding design and analysis of changes that already have been submitted to the Commission for approval. The status of comments and recommendations contained in past letters of the Advisory Committee on Reactor Safeguards concerning Monticello should be discussed in your application.
2. The application specifically should include an analysis of the following in relation to operating experience to date:
  - 2.1 High Pressure Coolant Injection (HPCI) reliability,
  - 2.2 Steam flow measurements,
  - 2.3 Steam line flow restrictors,

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- 2.4 Main steam line isolation valve reset switch;
  - 2.5 The effects of torus baffles removal on blowdown characteristics; and
  - 2.6 Reactivity measurements compared with predictions.
3. The application should include the results and conclusions of analyses or the status of investigations concerning:
    - 3.1 The AEC Interim Acceptance Criteria for Emergency Core Cooling Systems (ECCS);
    - 3.2 Hydrogen control after Loss-of-Coolant Accident (Reference Safety Guide No. 7);
    - 3.3 Instrument lines penetrating the primary reactor containment that do not have orifices to restrict flow in case of rupture and excess flow check valves that do not have indicators - (Reference Safety Guide No. 11);
    - 3.4 Performance of the radwaste processing systems with respect to maintaining effluent releases as low as practicable;
    - 3.5 Anticipated Transients without Scram (ATWS); including consideration of pump trip on high pressure signal;
    - 3.6 Main steam isolation valve leakage tests and adequacy of valve performance;
    - 3.7 Consequences of water contamination by structural materials and coatings in a Loss-of-Coolant Accident;
    - 3.8 Rod drop accident consequences and rod worth minimizer reliability;
    - 3.9 Reactor vibration tests conducted at Monticello and similar plants; and
    - 3.10 Detection of leaks from the primary coolant system pressure boundary.

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4. The application should include description of your:

- 4.1 Emergency Plan;
- 4.2 Quality assurance program; and
- 4.3 Industrial security program (Reference Safety Guide No. 17).

Although you may have dealt with some aspects of the above items in previous submittals, our review can be performed more expeditiously if your application for a full-term license is complete and references to other documents are minimized.

If we can be of further assistance, please contact Messrs. James J. Shea or Dennis L. Ziemann.

Sincerely,

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Donald J. Skovholt  
Assistant Director for  
Reactor Operations  
Division of Reactor Licensing

cc: Gerald Charnoff  
Shaw, Pittman, Potts, Trowbridge & Madden  
910 - 17th Street, N. W.  
Washington, D. C. 20006

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