



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-4005**

September 19, 2003

Northern States Power Company  
dba Xcel Energy  
ATTN: Charles R. Bomberger  
GM, Nuclear Asset Management  
414 Nicollet Mall (Ren. Sq. 8)  
Minneapolis, MN 55401

**SUBJECT: LICENSE AMENDMENT**

Please find enclosed Amendment No. 14 to License No. 22-08799-02, authorizing Mr. Giorgio as the Radiation Safety Officer. You should review this license carefully and be sure that you understand all conditions. If you have any questions, you may contact me at (817) 276-6552.

NRC expects licensees to conduct their programs with meticulous attention to detail and a high standard of compliance. Because of the serious consequences to employees and the public that can result from failure to comply with NRC requirements, you must conduct your radiation safety program according to the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate by NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers: Inspection and Investigations," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Notify NRC in writing of any change in mailing address.
3. By 10 CFR 30.36(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license:
  - a. When you decide to terminate all activities involving materials authorized under the license; or
  - b. If you decide not to complete the facility, acquire equipment, or possess and use authorized material.
4. Request and obtain a license amendment before you:
  - a. Change Radiation Safety Officers;
  - b. Order byproduct material more than the amount or form authorized on the license;
  - c. Add or change the areas or address(es) of use identified in the license application or on the license; or
  - d. Change the name or ownership of your organization.

5. Submit a complete renewal application or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of NRC regulations.

In addition, please note that NRC Form 313 requires the applicant, by signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or certifying official rather than a consultant.

NRC will periodically inspect your radiation safety program. Failure to conduct your program according to NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC may result in enforcement action against you. This could include issuance of a notice of violation; imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the "General Statement of Policy and Procedure for NRC Enforcement Actions" (Enforcement Policy), NUREG 1600.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, and your response (if any) will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Thank you for your cooperation.

Sincerely,

*/RA/*

Rachel S. Browder, Health Physicist  
Nuclear Materials Licensing Branch

Docket: 030-05004  
License: 22-08799-02  
Control: 469687

Enclosure: As stated

cc w/license:  
Joel Beres, P.E.  
Project Manager  
Utility Engineering  
901 Marquette Avenue, Suite 2900  
Minneapolis, MN 55402

**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Northern States Power Company Db a Xcel Energy</p> <p>2. 414 Nicollet Mall (Ren. Sq. 8) Minneapolis, Minnesota 55401</p>	<p>In accordance with application dated June 16, 2003</p> <p>3. License number 22-08799-02 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date May 31, 2007</p> <hr/> <p>5. Docket No. 030-05004 Reference No.</p>
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|---|---|--|
| <p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material</p> | <p>7. Chemical and/or physical form</p> <p>A. Materials and corrosion products activated by Pathfinder Nuclear Reactor operations</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not to exceed 41 millicuries total</p> |
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9. Authorized use:
- A. Possession of fixed activation products at the site of the previously operated Pathfinder Atomic Power Plant.

**CONDITIONS**

10. Licensed material shall be possessed at the Pathfinder Generating Plant, Angus Anson Site, 7100 East Rice Street, Sioux Falls, South Dakota.
11. Licensed material shall only be possessed under the supervision of Herbert Giorgio.
12. The Radiation Safety Officer (RSO) for this license is Herbert Giorgio.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
22-08799-02Docket or Reference Number  
030-05004

Amendment No. 14

13. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Application dated May 26, 1995
- B. Letter dated November 4, 1996
- C. Letter dated November 18, 1996



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

*/RA/*Date: September 19, 2003

By: \_\_\_\_\_

Jacqueline D. Cook, Senior Health Physicist  
Nuclear Materials Licensing Branch  
Region IV  
Arlington, Texas 76011