



Charles Bomberger
General Manager, Nuclear Asset Management
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February 26, 2007

L-HU-07-007
10 CFR 30.36

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Director, Office of Nuclear Material Safety and Safeguards
Washington, DC 20555-0001

Pathfinder Generating Station
Docket No. 30-05004
License No. 22-08799-02

Termination of Pathfinder Generating Plant Materials License 22-08799-02

- References:
- 1) Xcel Energy, "License Amendment Request to Authorize Decommissioning Activities at Pathfinder", dated February 17, 2004 (ADAMS Accession Nos. ML040620520; ML040630125; ML04040630513)
 - 2) Xcel Energy, "USNRC Request for Additional Information", (Supplement to the Decommissioning Plan) dated December 21, 2004, (ADAMS Accession No. ML050100054).
 - 3) NRC letter to Xcel Energy, "License Amendment No. 15", dated May 27, 2005, (ADAMS Accession Nos. ML051430478; ML051430507)

By this letter Xcel Energy requests termination of Pathfinder's By Product Material License Number 22-08799-02. The radiological decommissioning and final status surveys of the balance of plant areas identified in the Nuclear Regulatory Commission approved Pathfinder Decommissioning Plan (Reference 1 & 2) have been completed.

In Reference 1, Xcel Energy submitted the Pathfinder Decommissioning Plan to the Nuclear Regulatory Commission (NRC) for incorporation into the license. In Reference 2, Xcel Energy submitted a revised final status survey plan as Appendix F to the Decommissioning Plan. The NRC approved the plan in Reference 3.

Enclosed please find copies of NRC Form 314, Certification of Disposition of Materials (Enclosure 1) and the Final Status Survey Report (Enclosure 2). The Final Status Survey Report contains empirical evidence that the facility and the site meet the criteria for decommissioning and release of the site for unrestricted use as stipulated in 10 CFR Part 20, Subpart E.

This letter contains no new commitments and no revisions to existing commitments.



Charles R. Bomberger
General Manager, Nuclear Asset Management
Northern States Power Company, DBA Xcel Energy

Enclosures (2)

cc: Administrator, USNRC Region IV
D. Blair Spitzberg, Chief, Fuel Cycle & Decommissioning Branch, USNRC, Region IV
Chad Glenn, Project Manager, Division of Waste Management and Environmental Protection, USNRC
Robert J. Stahl, Administrator, South Dakota Department of Health
Steve Pirner, Secretary, South Dakota Department of Environment & Natural Resources (DENR)
Rick Lancaster, Environmental Project Scientist, DENR
Doug Schult, CHP, Duratek Project Manager
John Gushue, Project Manager, Nuclear Management Company

ENCLOSURE 1

NRC FORM 314

CERTIFICATE OF DISPOSITION OF MATERIALS

NRC FORM 314

(6-2004)

10 CFR 30.36(j)(1), 40.42(j)(1),
70.38(j)(1), and 72.54(j)(1)

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0028

EXPIRES: 06/30/2007

CERTIFICATE OF DISPOSITION OF MATERIALS

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Records and FOIA Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollections@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10292 (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE NAME AND ADDRESS

Northern States Power Company, dba Xcel Energy
250 Marquette Avenue, Suite 720
Minneapolis, Minnesota 55401

LICENSE NUMBER

22-08799-02

DOCKET NUMBER

030-05004

LICENSE EXPIRATION DATE

05/31/2007

A. LICENSE STATUS (Check the appropriate box)

☐ This license has expired.☒ This license has not yet expired; please terminate it.

B. DISPOSAL OF RADIOACTIVE MATERIAL

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- ☐ 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- ☒ 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner:
- ☐ a. Transfer of radioactive materials to the licensee listed below.
- ☒ b. Disposal of radioactive materials:
- ☐ 1. Directly by the licensee:
- ☐ 2. By licensed disposal site:
- ☒ 3. By waste contractor:
- Energy Solutions
628 Galaher
Kingston, TN 37763
- ☒ c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

C. SURVEYS PERFORMED AND REPORTED

- ☒ 1. A radiation survey was conducted by the licensee. The survey confirms:
- ☐ a. the absence of licensed radioactive materials
- ☒ b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
- ☒ 2. A copy of the radiation survey results:
- ☒ a. is attached; or ☐ b. is not attached (Provide explanation); or ☐ c. was forwarded to NRC on: _____ Date: _____
- ☐ 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
- ☐ a. The results of the latest leak test are attached, and/or ☐ b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME

Charles R. Bomberger

TITLE

General Manager, Nuclear Asset Management

TELEPHONE (Include Area Code)

(720) 497-2020

E-MAIL ADDRESS

Mail all future correspondence regarding this license to:

Xcel Energy, Inc., 250 Marquette Avenue, Suite 720, Minneapolis, Minnesota 55401

C. CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE

Charles R. Bomberger, General Manager

SIGNATURE

DATE

2/26/07

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

ENCLOSURE 2

Report

Final Status Survey Report in Support of the Termination of the Pathfinder Byproduct Material License

Appendices

Appendix 1: Final Status Survey Packages

Appendix 2: Total Beta Activity-Measurement Results

Appendix 3: Removable Alpha and Beta Measurement Results

Appendix 4: Exposure Rate Measurement Results

Appendix 5: Sample Analysis Results

Appendix 6: Dose Estimate to a Hypothetical Individual Exposed to Residual Contamination Following the Decommissioning of the Pathfinder Condenser Hotwell

Appendix 7: Calibration Records and Source Certificates

Appendix 8: Pathfinder Photo Essay