

INFORMATION REQUEST

STATE OF MINNESOTA
OFFICE OF ADMINISTRATIVE HEARINGS
FOR THE PUBLIC UTILITIES COMMISSION

In the Matter of the Association of Northern States Power Company (d/b/a Xcel Energy) for a Certificate of Need for the Prairie Island Nuclear Generating Plant for an Extended Power Uprate

In the Matter of the Association of Northern States Power Company (d/b/a Xcel Energy) for a Certificate of Need for the Prairie Island Nuclear Generating Plant for Additional Dry Cask Storage

In the Matter of the Association of Northern States Power Company (d/b/a Xcel Energy) for an LEPGP Site Permit for the Prairie Island Nuclear Generating Plant (PINGP) Extended Power Uprate Project

OAH Docket No. 7-2500-19797-2
MPUC Docket Nos. E-002/CN-08-509
E-002/CN-08-510
E-002/GS-08-690

Information Requested by:

Thomas P. Harlan
Katherine E. Becker
Madigan, Dahl & Harlan, P.A.
Campbell Mithun Tower
Suite 3150, 222 South Ninth Street
Minneapolis, Minnesota 55402
Telephone: (612) 604-2000
Facsimile: (612) 604-2599
E-mail 1: harlan@mdh-law.com
E-Mail 2: becker@mdh-law.com

Information Requested From: Northern States Power Company d/b/a Xcel Energy
Date Requested: April 24, 2009
Date Response Due: May 6, 2009
Request No.: 19

For Docket Nos. E-002/CN-08-509 and E-002/CN-08-510, please identify and produce any and all information and/or documents pertaining to the Transnuclear TN-40 spent fuel storage cask that is currently being used at Prairie Island and is proposed to be used in the future. Please identify and provide any and all documents that illustrate any warranty by Transnuclear on the TN-40 cask or a warranty by any component part manufacturer, on the useful life of the TN-40 cask or any other limitations in use, durability or useful life after the same is filled and put into operation.

Response by:
Title:
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Information Requested From: Northern States Power Company d/b/a Xcel Energy
Date Requested: April 24, 2009
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Request No.: 20

For Docket Nos. E-002/CN-08-509 and E-002/CN-08-510, please identify any and all information pertaining to the Transnuclear TN-40HT transnuclear spent fuel storage cask that is proposed to be used in the future. Please identify and provide any and all documents that illustrate any warranty by Transnuclear on the TN-40HT cask or a warranty by any component part manufacturer, on the useful life of the TN-40HT cask or any other limitations in use, durability or useful life after the same is filled and put into operation.

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Campbell Mithun Tower
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Facsimile: (612) 604-2599
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Information Requested From: Northern States Power Company d/b/a Xcel Energy

Date Requested: April 24, 2009

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Request No.: 21

For Docket Nos. E-002/CN-08-509 and E-002/CN-08-510, please identify all experiences of any entity including, but not limited to Xcel Energy, or any other utility, any cask manufacturer (including Transnuclear, its successor or assigns) any industry organization or government entity in unloading dry casks that have been used for storage for a time period of at least six (6) months, including successful and/or unsuccessful attempts. Include specifically any known experience of opening and/or unloading TN Series casks. This should include, without limitation any reports or studies by the Electrical Power Research Institute or the NRC or any other studies and reports of any other entity regarding the same.

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Information Requested From: Northern States Power Company d/b/a Xcel Energy
Date Requested: April 24, 2009
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Request No.: 22

For Docket Nos. E-002/CN-08-509 and E-002/CN-08-510, please identify and produce all reports, if any, on all dry cask storage incidents, accidents and problems, whether or not reported to the NRC, within the United States from 1995 to present including, but not limited to, ignition events, weld cracks and/or failures, explosions, crane stoppages and/or crane failures.

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Date Requested: April 24, 2009

Date Response Due: May 6, 2009

Request No.: 23

For Docket Nos. E-002/CN-08-509 and E-002/CN-08-510, please provide all documents relating to unloading of Transnuclear TN-series casks, including procedures, training manuals, reports and studies of unloading, incident or accident reports.

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Campbell Mithun Tower
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Minneapolis, Minnesota 55402
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E-mail 1: harlan@mdh-law.com
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Information Requested From: Northern States Power Company d/b/a Xcel Energy

Date Requested: April 24, 2009

Date Response Due: May 6, 2009

Request No.: 24

For Docket Nos. E-002/CN-08-509 and E-002/CN-08-510, please provide all documents relating to the changing of seals of TN-40 and/or TN-40HT casks including procedures, training manuals, reports and studies of actual maintenance, incident or accident reports.

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Katherine E. Becker
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Facsimile: (612) 604-2599
E-mail 1: harlan@mdh-law.com
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Information Requested From: Northern States Power Company d/b/a Xcel Energy

Date Requested: April 24, 2009

Date Response Due: May 6, 2009

Request No.: 25

For Docket Nos. E-002/CN-08-509 and E-002/CN-08-510, please provide all documents relating to the changing of seals of any and all Transnuclear casks, including procedures, training manuals, reports and studies of actual maintenance, incident or accident reports.

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For Docket Nos. E-002/CN-08-509 and E-002/CN-08-510, please provide all documents relating to cask defects or malfunctions, including cracked or failed welds, cracked body or housing, cracked bolts, failed or leaking metal or other seals, helium or other gas leaks, corrosion, metal or concrete deterioration, rubber or plastic o-ring or seal failures, zinc and helium interactions/ignitions or any other problems associated with casks.

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Request No.: 27

For Docket Nos. E-002/CN-08-509 and E-002/CN-08-510, please provide all documents relating to loading incidents or accidents for any type of dry cask, including TN casks, VSC-24 or VSC Transport casks.

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Information Requested From: Northern States Power Company d/b/a Xcel Energy

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Request No.: 28

For Docket Nos. E-002/CN-08-509 and E-002/CN-08-510, please provide any and all information related to casks that have been approved by DOE for long term storage at Yucca Mountain or any other repository that may be developed and utilized by them.

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For Docket Nos. E-002/CN-08-509 and E-002/CN-08-510, Xcel Energy has indicated that, as part of its analysis on the length of the operation of the ISFISI and the storage containers, it reviewed the renewal licenses of the other ISFISI facilities similar to Prairie Island. Please identify the following:

- (1) which ISFISI facilities were reviewed;
- (2) the age of the same;
- (3) the casks or storage containers used;
- (4) any issues with the same; and
- (5) any information on any warranties, useful life or other limitations on the casks or storage systems after the same are put into use.

Please produce all documents that were either included in Xcel Energy's review or are responsive to this Informational Request.

Response by:
Title:
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