

June 27, 2002

Mr. David L. Wilson
Vice President of Nuclear Energy
Nebraska Public Power District
P. O. Box 98
Brownville, NE 68321

SUBJECT: COOPER NUCLEAR STATION - REQUEST FOR ADDITIONAL INFORMATION
RELATED TO AMENDMENT REQUEST TO REVISE THE ULTIMATE HEAT
SINK AND REACTOR EQUIPMENT COOLING WATER TEMPERATURE
LIMITS (TAC NO. MB5123)

Dear Mr. Wilson:

By letter dated May 20, 2002, as revised by letter dated June 19, 2002, Nebraska Public Power District proposed to revise the Cooper Nuclear Station Technical Specifications to permit increase in ultimate heat sink temperature and reactor equipment cooling water temperature. The Nuclear Regulatory Commission (NRC) staff has determined that additional information is needed to clarify your request.

The enclosed request for additional information (RAI) was discussed with your staff during a meeting held at the NRC Headquarters on June 25, 2002. During the meeting it was agreed that you will respond to the enclosed RAI in a timely manner to support the tight schedule of your requested amendment issuance date.

If you have any questions regarding the attached RAI, please contact me promptly at (301) 415-1476.

Sincerely,

/RA/

Mohan C. Thadani, Senior Project Manager, Section 1
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-298

Enclosure: Request for Additional Information

cc w/encls: See next page

June 27, 2002

Mr. David L. Wilson
Vice President of Nuclear Energy
Nebraska Public Power District
P. O. Box 98
Brownville, NE 68321

SUBJECT: COOPER NUCLEAR STATION - REQUEST FOR ADDITIONAL INFORMATION
RELATED TO AMENDMENT REQUEST TO REVISE THE ULTIMATE HEAT
SINK AND REACTOR EQUIPMENT COOLING WATER TEMPERATURE LIMITS
(TAC NO. MB5123)

Dear Mr. Wilson:

By letter dated May 20, 2002, as revised by letter dated June 19, 2002, Nebraska Public Power District proposed to revise the Cooper Nuclear Station Technical Specifications to permit increase in ultimate heat sink temperature and reactor equipment cooling water temperature. The Nuclear Regulatory Commission (NRC) staff has determined that additional information is needed to clarify your request.

The enclosed request for additional information (RAI) was discussed with your staff during a meeting held at the NRC Headquarters on June 25, 2002. During the meeting it was agreed that you will respond to the enclosed RAI in a timely manner to support the tight schedule of your requested amendment issuance date.

If you have any questions regarding the attached RAI, please contact me promptly at (301) 415-1476.

Sincerely,
/RA/

Mohan C. Thadani, Senior Project Manager, Section 1
Project Directorate IV & Decommissioning
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-298

Enclosure: Request for Additional Information

cc w/encls: See next page

DISTRIBUTION:

PUBLIC

PDIV-1 r/f

RidsNrrDlpmLpdiv1 (RGramm)

RidsNrrPMMThadani

RidsNrrLAMMcAllister

RidsOgcRp

RidsAcrsAcnwMailCenter

RidsRgn4MailCenter (KBrockman)

Accession No. ML021770367

OFFICE	PDIV-1/PM	PDIV-1/LA	PDIV/SC
NAME	MThadani:as	MMcAllister	RGramm
DATE	6/26/02	6/26/02	6/27/02

OFFICIAL RECORD COPY

Cooper Nuclear Station

cc:

Mr. William R. Mayben
President and Chief Executive Officer
Nebraska Public Power District
1414 15th Street
Columbus, NE 68601

Mr. Michael T. Coyle
Site Vice President
Nebraska Public Power District
P. O. Box 98
Brownville, NE 68321

Mr. John R. McPhail, General Counsel
Nebraska Public Power District
P. O. Box 499
Columbus, NE 68602-0499

D. F. Kunsemiller, Risk and
Regulatory Affairs Manager
Nebraska Public Power District
P. O. Box 98
Brownville, NE 68321

Dr. William D. Leech
Manager-Nuclear
MidAmerican Energy
907 Walnut Street
P. O. Box 657
Des Moines, IA 50303-0657

Mr. Ron Stoddard
Lincoln Electric System
1040 O Street
P. O. Box 80869
Lincoln, NE 68501-0869

Mr. Michael J. Linder, Director
Nebraska Department of Environmental
Quality
P. O. Box 98922
Lincoln, NE 68509-8922

Chairman
Nemaha County Board of Commissioners
Nemaha County Courthouse
1824 N Street
Auburn, NE 68305

Ms. Cheryl K. Rogers, Program Manager
Nebraska Health & Human Services System
Division of Public Health Assurance
Consumer Services Section
301 Centennial Mall, South
P. O. Box 95007
Lincoln, NE 68509-5007

Mr. Ronald A. Kucera, Director
of Intergovernmental Cooperation
Department of Natural Resources
P.O. Box 176
Jefferson City, MO 65102

Senior Resident Inspector
U.S. Nuclear Regulatory Commission
P. O. Box 218
Brownville, NE 68321

Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, TX 76011

Jerry Uhlmann, Director
State Emergency Management Agency
P. O. Box 116
Jefferson City, MO 65101

Chief, Radiation Control Program, RCP
Kansas Department of Health
and Environment
Bureau of Air and Radiation
1000 SW Jackson
Suite 310
Topeka, KS 66612-1366

April 2002

Mr. Daniel K. McGhee
Bureau of Radiological Health
Iowa Department of Public Health
401 SW 7th Street
Suite D
Des Moines, IA 50309

REQUEST FOR ADDITIONAL INFORMATION

**REGARDING THE PROPOSED AMENDMENT REVISING THE ULTIMATE HEAT SINK AND
REACTOR EQUIPMENT COOLING WATER TEMPERATURE LIMITS**

During the June 25, 2002, meeting at the Nuclear Regulatory Commission (NRC) Headquarters, the staff identified the following questions for Nebraska Public Power District to respond to:

1. Discuss the methodologies and assumptions for the Cooper Nuclear Station Updated Safety Analysis Report Chapter 14 accidents that were not previously reviewed and approved by the NRC staff.
2. Identify any equipment/components where the environmental qualification (EQ) temperatures were exceeded by the revised EQ temperature profile resulting from 95° F service water. Discuss how the temperature increase status of EQ was dispositioned.
3. Explain how heat exchanger performance data obtained from the Generic Letter 89-13 program was utilized in heat transfer calculations supporting the amendment request.

Enclosure