

**Nebraska Public Power District**

GENERAL OFFICE
P.O. BOX 499, COLUMBUS, NEBRASKA 68601-0499
TELEPHONE (402) 564-8561

NPS8700266

July 22, 1987

Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Gentlemen:

Subject: 10CFR50.71 Revision of USAR
Cooper Nuclear Station
NRC Docket No. 50-298, DPR-46

Pursuant to 10CFR50.4, Nebraska Public Power District hereby submits one (1) original and ten (10) copies of the fifth revision (dated July 22, 1987) of the Updated Safety Analysis Report (USAR) for Cooper Nuclear Station. This revision reflects changes made since the last submittal of the USAR and is current for completed work as of January 22, 1987.

An identification of changes made under the provisions of 10CFR50.59 but not previously submitted to the commission are as follows:

Design Change 82-089

This Design Change increased the lifting capacity of the Turbine Building crane from 175 tons to 193 tons. This was done through a rerate study conducted by the crane manufacturer, and this eventually led to the replacement of several crane components which would have been overloaded at 193 tons.

Design Change 86-083

This Design Change installed isolation switches for Diesel Generators 1 and 2. This modification allows for startup and operation of DG2 locally at the diesel generator independent from the control room. This method provides safe shutdown capabilities of reactor systems in the event of a fire, by ensuring diesel generator availability if this event occurs.

Safety Review and Audit Board (SRAB)

Originally the USAR required members of SRAB (the offsite review committee) to have degrees, in either engineering or one of the physical sciences. A change was made to the USAR to allow personnel to be members of SRAB when not degreed, but with equivalent experience as determined by the Vice-President Nuclear. This is in conformance with applicable external guidance.

8707300069 870722
PDR ADDOCK 05000298
K PDR

A053
111

Flooding Procedures

The USAR presently requires semi-annual review of station flooding procedures. All other procedures are reviewed on a biennial basis. There is no clear reason to review this procedure on an annual basis so the requirement was changed to biennial review to be consistent with other review requirements.

Management Reorganization

There was a reorganization of the District's Nuclear Power Group to improve communication and interface between the various departments, and to improve overall performance and efficiency.

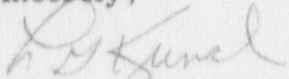
In addition to these changes this revision incorporates other "major" revisions which the commission had previously been informed about as follows:

1. Appendix R program
2. IGSCC Pipe Replacement
3. Safety Parameter Display System and new Plant Management Information System installation
4. The approved second ten year ISI program is now incorporated by reference in Appendix J to the USAR.

The next revision of the USAR will be submitted on or before July 22, 1988.

Additionally, Attachment I is a List of Effective Pages for the Fifth Revision of the USAR and should be inserted behind this letter after the front cover of Volume I in place of the letter and List of Effective Pages for the Fourth Revision.

Sincerely,


L. G. Kuncel
Vice-President, Nuclear

LGK/gmc:dh5/1(USAR40)
Enclosure

cc: J. E. Gagliardo, Chief
Reactor Projects Branch
NRC Region IV

NRC Senior Resident Inspector
Cooper Nuclear Station

STATE OF NEBRASKA)

(55)

PLATTE COUNTY)

L. G. Kunch, being first duly sworn, deposes and says that he is an authorized representative of the Nebraska Public Power District, a public corporation and political subdivision of the State of Nebraska; that he is duly authorized to submit this information on behalf of Nebraska Public Power District; and that the statements contained herein are true to the best of his knowledge and belief.

By Kuncel

L. G. Kuncel

Subscribed in my presence and sworn to before me this 1st day
of July, 1987.

Colleen M. Kuta
NOTARY PUBLIC

NOTARY PUBLIC

