



Nebraska Public Power District

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July 25, 1983

Office of Nuclear Reactor Regulation
Operating Reactors Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Attention: Mr. Domenic B. Vassallo, Chief

Dear Mr. Vassallo:

Subject: Control of Heavy Loads - Phase 1
Cooper Nuclear Station
NRC Docket No. 50-298, DPR-46

Reference: (1) Letter from D. B. Vassallo to J. M. Pilant,
dated May 26, 1983, "Control of Heavy Loads -
Phase 1"

Reference (1) requested additional information regarding the District's
response to NUREG-0612, "Control of Heavy Loads at Nuclear Power Plants"
Phase 1 issues.

Attachment 1 is submitted pursuant to the above mentioned request. The
attached responses are keyed to the recommendation/open items of
Enclosure 3 to reference (1).

Should you have any questions regarding this response or require
additional information, please contact my office.

Sincerely,

L. G. Kuncel
Assistant General Manager-Nuclear

GAT:cmk

Attachment

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Control of Heavy Loads - Phase 1
CNS Open Items

- 1.a To ensure safe movement of loads at Cooper Station, Nebraska Public Power District (NPPD) should ensure that suitable visual aids are available to assist crane operators when conducting heavy loads movements.

Response

A crane signalman will direct the crane operator along the designated load paths on the refueling floor. Revised procedures with responsibilities delineated to the crane signalman for this function will be issued by November 1983.

- 2.a. NPPD should confirm that special lifting devices are designated to standards comparable to the criteria of ANSI N14.6-1978, Section 3.2. In addition, documentation should also be provided to demonstrate that dynamic loads have been considered for both special and non-special lifting devices.

Response

The conformance analysis for the designated special lifting devices was performed and the results were submitted in a letter from J. M. Pilant to D. G. Eisenhower dated December 3, 1982. The sling and strap selection, storage, and inspection procedure was revised to include a factor of 1.5 times the dead weight of the load to cover dynamic loading conditions.

- 3.a. NPPD should develop and implement a program for acceptance testing and continuing compliance for special lifting devices that conforms to the criteria contained in ANSI N14.6-1978, Section 5.

Response

A program to NDE the load bearing welds of the designated special lifting devices on the refueling floor to be conducted at 5 year intervals will be developed by November 1983. The inspections will be performed utilizing either liquid penetrant or magnetic particle examinations as allowed by ANSI N14.6, Section 5.5, with procedures and personnel qualified to the applicable subsections in the current addition of ASME Boiler and Pressure Vessel Code, Section v.

- 4.a. NPPD should perform a visual inspection of all load-bearing components of special lifting devices used to handle heavy loads over the core.

Response

Procedures for the designated special lifting devices on the refueling floor currently require visual inspection of the devices prior to handling heavy loads over the core.