

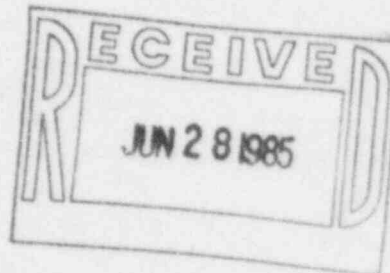


Nebraska Public Power District

COOPER NUCLEAR STATION
P.O. BOX 98, BROWNVILLE, NEBRASKA 68321
TELEPHONE (402) 825-3811

CNSS855698

June 21, 1985



Mr. E. H. Johnson, Chief
Reactor Project Branch I
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76011

Subject: NPPD Response to IE Inspection Report No. 50-298/85-14

Dear Mr. Johnson:

This letter is written in response to your letter dated May 29, 1985, transmitting Inspection Report No. 50-298/85-14. Therein you indicated that one of our activities was in violation of NRC requirements.

The following is the statement of violation and our response in accordance with 10CFR2.201:

Statement of Violation

Radiation Control Procedures

Technical Specification 6.3.4 requires procedures to be maintained consistent with the requirements of 10 CFR Part 20. Station Procedure 9.3.1.2.2, Section VI.B.10 and 11, contains requirements for operation and calibration of extender probe survey meters. This procedure requires that each scale on the extender probe-extender Model 1000 W, be calibrated at three points.

Contrary to the above, during the period February 1984 through November 1984, the licensee failed to perform calibrations at three points on each scale of extender probe-extender Model 1000 W, Serial Numbers 15684, 15702, 15704, 15705, 15706, 15709, 15918, and 15920 radiation monitoring instruments.

This is a Severity Level V Violation. (Supplement IV) (50-298/8514-01)

Corrective Steps Which Have Been Taken and the Results Achieved

The calibration data of the extender Model 1000 W's was reviewed by the Chemistry and Health Physics Supervisor. The most recent calibration of each Model 1000 W involved a three point calibration on each range, with the exception of the 0-1000 R/hr range which was two point calibrated. The 0-1000

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R/hr range is calibrated at 10 percent and 40 percent of full scale due to the design of Cooper Nuclear Station's Cs-137 calibrator, which does not physically allow for calibration above 450 R/hr. It is felt that the two point calibration of the highest scale demonstrates a satisfactory calibration without compromising radiological safety during the calibration. It is believed that radiological safety would become a concern should an attempt be made to modify the Cs-137 calibrator for use above 450 R/hr.

Corrective Steps Which Will Be Taken to Avoid Further Violations

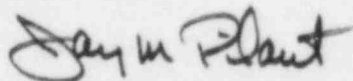
CNS Procedure 9.3.1.2.2 will be revised to reflect a three point calibration on all scales with the exception of the 0-1000 R/hr scale, which will be calibrated at two points.

Date When Full Compliance Will Be Achieved

Procedure 9.3.1.2.2 will be revised as discussed in this response prior to July 31, 1985. Cooper Nuclear Station will then be in full compliance.

If you have any questions regarding this response, please contact me.

Sincerely,



J. M. Pilant
Technical Staff Manager
Nuclear Power Group

JMP:RLB:ya