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Nebraska Public Power District

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

LQA8000447

December 15, 1980

Mr. Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: BWR Scram System

Reference: (1) D. G. Eisenhut letter to All BWR Licensees
Dated October 1, 1980

(2) J. M. Pilant letter to Eisenhut Dated
October 22, 1980

Dear Sir:

Pursuant to our reference letter dated October 22, 1980, the following is our response to item 3.

The preliminary evaluation of our present scram system has been performed and the following modifications are being evaluated and upon completion of final design, these modifications will be installed during the first outage of sufficient duration after receipt of material.

1. Installation of an independent scram discharge instrumentation volume tank with applicable level switches on the north scram discharge volume header. This scram discharge instrumentation volume will have an independent air operated drain valve and it will drain to the reactor building equipment drain system.

2. Installation of an independent scram discharge instrumentation volume tank on the south scram discharge volume header or replace the existing 2" drain pipe between the south scram discharge volume header and the existing scram discharge instrumentation volume tank with 8" pipe.

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3. Install another air operated vent valve and associated vacuum breaker on the north and south scram discharge volume headers. This will provide a total of 4 air operated vent valves and vacuum breakers supplying each of the four legs of the north and south scram discharge volume headers, respectively.

The above modifications require a plant outage for installation and Cooper Nuclear Station has scheduled a refueling outage for late spring 1981.

In addition, an operable ultrasonic (UT) level detection system is currently installed on the north and south scram discharge volume headers. Secondly, a float type level indicator is installed on each of the scram discharge headers.

If there are any questions concerning the above response, please contact L. C. Lessor at Cooper Nuclear Station.

Sincerely,

J. M. Pilant
Director of Licensing
and Quality Assurance

JMP:CRN:cg