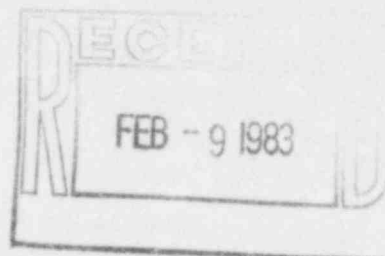


## Nebraska Public Power District

GENERAL OFFICE  
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LQA8300084

February 7, 1983



Mr. John T. Collins  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive  
Suite 1000  
Arlington, Texas 76011

Subject: Cooper Nuclear Station Agastat Relays

Reference: (1) Letter, F. E. Williams, NPPD to J. T. Collins, NRC,  
dated September 28, 1982, LQA8200189

Dear Mr. Collins:

Reference (1) discussed the preliminary results of the investigation and evaluation of the use of commercial grade Agastat relays in safety-related locations at the Cooper Nuclear Station (CNS). This initial review identified approximately 26 relays installed in safety-related systems which required further engineering evaluation to assure that continued operation would not jeopardize the health and safety of the public.

The subject engineering evaluation of existing Agastat relays has been completed. In general, there are three generations of Agastat relays installed at CNS; the 2400 series (pre 1968), the 7000 series (1968-1978) and the nuclear grade "E" series (post 1978). Both 2400 and 7000 series relays were used in construction contracts and both 7000 and "E" series relays have been used in design changes since construction. Of 140 such relays identified at Cooper Nuclear Station, 49 are considered "essential". The series identification of these 49 "essential" relays is as follows:

2400 Series - 9 relays  
7000 Series - 16 relays  
"E" Series - 24 relays

As a result of this evaluation NPPD has decided to replace the "essential" 2400 series and 7000 series relays with nuclear grade "E" series relays as soon as possible. Replacement relays have been placed on order. Selected relays will be replaced upon receipt of material with the remainder scheduled for replacement during the May 1983 outage.

Pending relay replacement continued plant operation is justified based on plant/system redundancy and the very low probability of a seismic

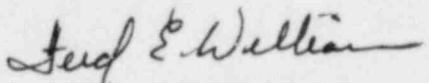
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event. In addition, there have been very few, if any, malfunctions of Agastat relays at CNS.

If you have any questions or comments on this subject, please contact me.

Sincerely,

A handwritten signature in cursive script, appearing to read "Fred E. Williams".

Fred E. Williams  
Quality Assurance Manager

FEW:GAT:cmk