



Nebraska Public Power District

GENERAL OFFICE
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September 16, 1983

54-298

Director of Nuclear Reactor Regulation
Operating Reactors Branch No. 2
Division of Licensing
Washington, D.C. 20555

Attention: Mr. Domenic B. Vassallo, Chief

Dear Mr. Vassallo:

Subject: "Ventilation Isolation" Response to NRC Request

The purpose of this letter is to respond to a request for information by the District's NRC Project Manager made on August 18, 1983. Specifically, this request asked for information concerning the ventilation isolation capabilities of the primary EOF.

The Cooper Nuclear Station EOF has ventilation isolation and HEPA filtration (charcoal filtration is also provided although not required). The EOF HVAC system is designed in the normal mode to vary the amount of outside air taken in according to the temperature and humidity of the outside air. In the emergency mode the HVAC system will isolate (by damper movements) to recirculate inside air with approximately 10 percent outside fresh air brought in via special dampers and ducting through the HEPA/charcoal filter. The building exhaust damper is automatically modulated to insure positive pressure inside the EOF in order to prevent in-leakage of contaminated outside air. The HEPA/charcoal filter is not used in the normal mode of operation.

If you have any questions concerning this submittal, please contact me.

Sincerely,

Jay M. Pilant
Technical Staff Manager
Nuclear Power Group

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