

November 24, 1992

Mr. W. Gary Gates  
 Division Manager - Nuclear Operations  
 Omaha Public Power District  
 444 South 16th Street Mall  
 Mail Stop 8E/EP4  
 Omaha, Nebraska 68102-2247

Dear Mr. Gates:

SUBJECT: FORT CALHOUN STATION UNIT 1 - INTERIM EVALUATION EMERGENCY DIESEL  
 GENERATOR MAXIMUM TEMPERATURE OPERATING LIMITS (TAC NO. M83989)

The NRC staff has reviewed your request not to change out the emergency diesel generator (EDG) coolant from ethylene glycol/water mixture to water during the summer months. The request was submitted by you in a Nuclear Safety Evaluation dated July 2, 1992. The results of the review are documented in the enclosed Science Applications International Corporation (SAIC) Technical Evaluation Report (TER) SAIC-92/6903, "Fort Calhoun Station Emergency Diesel Generator Maximum Temperature Operating Limits," dated September 28, 1992. Based on its evaluation, the staff concurs with the evaluation by SAIC that there is no need currently to change out the coolant unless the ambient air temperature exceeds 104°F, at which time EDG #1 would be declared inoperable. Therefore, the licensee can operate the EDGs at Fort Calhoun Station with ethylene glycol/water mixture as an engine coolant through the upcoming winter months until the summer of 1993. At that time, performance tests will be conducted by you if the proper ambient air temperatures ( $\geq 95^\circ\text{F}$ ) are reached for conducting a useful EDG performance test.

A final review of the licensee's findings will be necessary after the performance tests are conducted. The issues that will be required to be addressed during the subsequent review are listed in the SAIC interim report 92/6903 enclosed.

Sincerely,

ORIGINAL SIGNED BY:  
 Steven D. Bloom, Project Manager  
 Project Directorate IV-1  
 Division of Reactor Projects - III/IV/V  
 Office of Nuclear Reactor Regulation

Enclosure:  
 SAIC-92/6903

cc w/enclosure:  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555

Docket No. 50-285

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Division Manager - Nuclear Operations  
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Sincerely,

A handwritten signature in dark ink, appearing to read "Steven D. Bloom".

Steven D. Bloom, Project Manager  
Project Directorate IV-1  
Division of Reactor Projects - III/IV/V  
Office of Nuclear Reactor Regulation

Enclosure:  
SAIC-92/6903

cc w/enclosure:  
See next page

Mr. W. Gary Gates  
Omaha Public Power District

Fort Calhoun Station, Unit No. 1

cc:

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