



444 South 16th Street Mall  
Omaha NE 68102-2247

June 2, 2006  
LIC-06-0061

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

- Reference:
1. Docket No. 50-285
  2. NRC Generic Letter 2006-03, "Potentially Nonconforming Hemyc and MT Fire Barrier Configurations" dated April 10, 2006 (NRC-06-0044) (ML053620142)
  3. Letter from Gary Gates (OPPD) to Document Control Desk (NRC) dated April 15, 1993, Thermo-Lag 330-1 Fire Barriers – Generic Letter 92-08 Response (LIC-93-0103)

**SUBJECT: Fort Calhoun Station Unit No. 1, Response to Generic Letter 2006-03, "Potentially Nonconforming Hemyc and MT Fire Barrier Configurations"**

In response to Reference 2, the Omaha Public Power District (OPPD) is providing the requested information for Fort Calhoun Station Unit No. 1 (FCS). This response constitutes the 60-day response for information requested in Reference 2.

FCS does not have any Hemyc or MT fire barrier systems installed at the plant. FCS does not use Hemyc or MT fire barrier material or rely upon these systems for separation and/or safe shutdown purposes. These materials are not credited in any other analysis for FCS.

Reference 2 also requested a description of the controls that were used to ensure that other fire barrier types relied on for separation of redundant trains located in a single fire area are capable of providing the necessary level of protection. Reference 2 specified that addressees may reference their responses to Generic Letter 92-08 to the extent that the responses address this specific issue.

OPPD responded to Generic Letter 92-08 in Reference 3. Reference 3 confirmed that FCS does not credit or rely upon the use of Thermo-Lag 330-1 barriers to meet physical separation, to meet a condition of the plant operating license or to satisfy a licensing commitment. Thermo-Lag 330-1 barriers are not used at FCS to protect safety-related systems or components.

FCS Design Engineering Procedure PED-GEI-4, Fire Protection System Interaction, is in place to ensure any plant configuration change that occurs will consider, in part, impacts to existing fire barrier systems or required evaluations of any new fire barrier systems intended to be installed at the station. This interaction procedure and checklist ensures adequate review of all engineering configuration changes processes to properly evaluate any new or proposed fire barrier systems, to ensure adequacy and maintenance of licensing and design basis requirements. Existing fire barrier systems are inspected per plant surveillance test procedures to ensure conformance to design requirements.

U. S. Nuclear Regulatory Commission  
LIC-06-0061  
Page 2

I declare under penalty of perjury that the foregoing is true and correct. (Executed on June 2, 2006.)

If you have additional questions, or require further information, please contact Thomas R. Byrne at (402) 533-7368.

Sincerely,

A handwritten signature in black ink, appearing to read "Harry J. Faulhaber". The signature is written in a cursive style with a large initial "H".

Harry J. Faulhaber  
Division Manager  
Nuclear Engineering

HJF/TRB/trb