

July 12, 1996

Donald F. Schnell
Senior Vice President
Nuclear

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station P1-137
Washington, DC 20555-0001

Gentlemen:

ULNRC-03399

DOCKET NUMBER 50-483
CALLAWAY PLANT
THERMO-LAG 330-1 FIRE BARRIERS

- References:
1. NRC letter to Union Electric, dated 12/28/94
 2. ULNRC-3229, dated 6/26/95
 3. ULNRC-3384, dated 5/31/96
 4. NRC letter to Union Electric, dated 6/14/96

Reference 4 above is a request for additional information (RAI) regarding Generic Letter 92-08, "Thermo-Lag 330-1 Fire Barriers." Question 1.d. of the December 1994 RAI (Reference 1) requested that licensees submit a supplemental report after test and analyses of Thermo-Lag materials have been performed.

References 2 and 3 provided information in response to Question 1.d. of the December 1994 RAI, however based upon the NRC staff review of this information, it was incomplete in regard to the consistency of Thermo-Lag materials. Provided below is Union Electric's latest response to Question 1.d. of the December 1994 RAI.

RESPONSE:

On May 8, 1995, Union Electric received a copy of the test results for Callaway from NUCON. The report concluded that "inspection of the programs for these four Thermo-Lag samples indicates that they are consistent with other Thermo-Lag samples in terms of Chemical composition." A copy of the test results was provided to NEI for inclusion

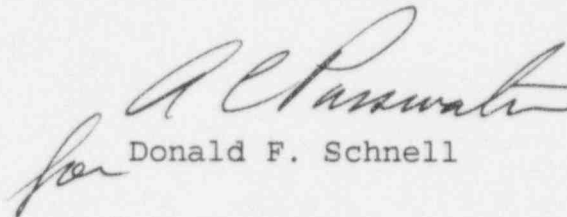
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in the generic data pool which was made available to the industry and NRC. The conclusion from the industry testing was that all of the Thermo-Lag 330 fire barrier material produced between 1984 and 1995 was consistent in chemical composition. Based on the above, the degree of chemical consistency with other industry samples adequately demonstrates that the Thermo-Lag materials installed at Callaway Plant are equivalent to the materials tested in the industry fire endurance tests and are acceptable to resolve the materials questions. As such, we do not intend to perform any additional chemical composition testing. We consider the materials questions regarding Thermo-Lag resolved.

Should you have any questions or need additional information concerning this matter please contact us.

Very truly yours,


for Donald F. Schnell

JMC/mlo

STATE OF MISSOURI)
) S S
CITY OF ST. LOUIS)

Alan C. Passwater, of lawful age, being first duly sworn upon oath says that he is Manager, Licensing and Fuels (Nuclear) for Union Electric Company; that he has read the foregoing document and knows the content thereof; that he has executed the same for and on behalf of said company with full power and authority to do so; and that the facts therein stated are true and correct to the best of his knowledge, information and belief.

By

Alan C. Passwater
Alan C. Passwater
Manager, Licensing and Fuels
Nuclear

SUBSCRIBED and sworn to before me this twelfth day
of July, 1996.

Barbara J. Pfaff

BARBARA J. PFAFF
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MY COMMISSION EXPIRES APRIL 22, 1997
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