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FITZPATRICK, E. American Electric Power Co., Inc. *See Report*
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SUBJECT: Forwards response to request for addl info re Thermo-Lag
related to ampacity derating issues. Calculation encl.

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TITLE: Generic Letter 92-008 Thermo-Lag 330 Fire Barrier

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November 24, 1997

AEP:NRC:0692DO

Docket Nos.: 50-315
50-316

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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Washington, D.C. 20555

Gentlemen:

Donald C. Cook Nuclear Plant Units 1 and 2
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION (RAI)
REGARDING THERMO-LAG RELATED AMPACITY DERATING ISSUES
(TAC NOS. M85538 AND M85539)

References:

1. Letter AEP:NRC:0692CV, RAI regarding generic letter (GL) 92-08 "Thermo-Lag 330-1 Fire Barriers", E. E. Fitzpatrick to USNRC Document Control Desk, February 4, 1994
2. Letter AEP:NRC:0692DA, follow-up to RAI regarding GL 92-08, "Thermo-Lag 330-1 Fire Barriers", E. E. Fitzpatrick to USNRC Document Control Desk, December 21, 1994
3. Letter AEP:NRC:0692DD, response to follow-up to RAI regarding GL 92-08, "Thermo-Lag 330-1 Fire Barriers", E. E. Fitzpatrick to USNRC Document Control Desk, March 29, 1995
4. Letter AEP:NRC:0692DF, additional information regarding thermo-lag related ampacity derating calculations, TAC nos. M85538 and M85539, E. E. Fitzpatrick to USNRC Document Control Desk, May 12, 1995
5. Letter AEP:NRC:0692DL, additional information regarding thermo-lag related ampacity derating issues, TAC nos. M85538 and M85539, E. E. Fitzpatrick to USNRC Document Control Desk, March 20, 1997

By your letter of August 25, 1997, we were requested to supply additional information needed to resolve open issues and concerns requiring clarification of our previous response regarding ampacity derating factor determinations for Cook Nuclear Plant units 1 and 2. The additional information is provided in the attachments to this letter.

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Attachment 1 is an introduction that explains our approach in responding to your concerns. Attachment 2 is calculation PS-CABLE-001, Revision 0, supporting our response to your concerns.

Sincerely,



E. E. Fitzpatrick
Vice President

vlb

Attachments

cc: A. A. Blind
A. B. Beach
MDEQ - DW & RDP
NRC Resident Inspector
J. R. Padgett

