

Iowa Electric Light and Power Company

October 1, 1992
NG-92-4408

JOHN F. FRANZ, JR.
VICE PRESIDENT, NUCLEAR

Dr. Thomas E. Murley, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station P1-137
Washington, DC 20555

Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
Response to NRC Bulletin No. 92-01,
Supplement 1

Reference: 1) NRC Bulletin No. 92-01, Supplement
1: Failure of Thermo-Lag 330 Fire
Barrier System to Perform Its
Specified Fire Endurance Function,
(Aug. 28, 1992)
2) Letter from J. Franz (Iowa
Electric) to T. Murley (NRC),
"Response to NRC Bulletin No.
92-01", NG-92-3184, (July 23, 1992)

File: A-101a, P-72a

Dear Dr. Murley:

This letter provides Iowa Electric Light and Power Company's (IELP's) response to Supplement 1 to NRC Bulletin No. 92-01 (Reference 1). This supplement expands the scope of the original Bulletin to include all applications of pre-formed Thermo-Lag 330 panels and conduit shapes used for protection and separation of safe shutdown equipment.

Reference 1 requested that licensees take two actions and submit a report to the NRC Staff. These requests and our responses are discussed below.

Requested Action

1. For those plants that use either 1- or 3-hour pre-formed Thermo-Lag 330 panels and conduit shapes, identify the areas of the plant which have Thermo-Lag 330 fire barrier material installed and determine the plant areas which use this material for the protection and separation of the safe shutdown capability.

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In all areas discussed above, including those involving structural steel, compensatory measures were immediately initiated upon identification. Areas previously identified in Reference 2, as a result of the original NRC Bulletin No. 92-01, already had compensatory measures in place.

Fire detection systems exist which satisfy DAEC TS requirements for all areas identified in this letter. Therefore, compensatory measures in these areas consisted of establishing hourly fire watches.

Required Report

Each licensee who has installed Thermo-Lag 330 fire barriers must inform the NRC in writing within 30 days of receiving this bulletin supplement, whether or not it has taken the above actions. Where fire barriers are declared inoperable, the licensee is required to describe the measures being taken to ensure or restore fire barrier operability. These measures should be consistent with actions taken in response to Bulletin 92-01.

IELP Response

By this letter we are notifying the NRC that the actions required have been taken. As stated in reference 2, the DAEC staff is reviewing our Thermo-Lag fire barrier system installations and bases. We will continue to monitor current industry testing for new data that should be applied to our Thermo-Lag installations and are actively participating in NUMARC efforts to reach a final resolution.

If you have any questions, please contact this office.

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This letter is true and accurate to the best of my knowledge and belief.

IOWA ELECTRIC LIGHT AND POWER COMPANY

By

John F. Franz, Jr.

John F. Franz, Jr.
Vice President, Nuclear

State of Iowa
(County) of Linn

Signed and sworn to before me on this 1st day of October,
1992, by John F. Franz, Jr.

Kathleen M. Furman
Notary Public in and for the State of Iowa

September 28, 1995
Commission Expires

JFF/JMD/pjv-

cc: M. Davis
J. Ertman
L. Liu
L. Root
R. McGaughy
C. Shiraki (NRC-NRR)
A. Bert Davis (Region III)
NRC Resident Office
DCRC