

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 7901030200 DOC. DATE: 78/12/28 NOTARIZED: NO
 FACIL: 50-331 DUANE ARNOLD, IOWA ELECTRIC & POWER CO.
 AUTH. NAME AUTHOR AFFILIATION
 LIU, L. IA ELEC LIGHT & PWR
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H. OFFICE OF NUCLEAR REACTOR REGULATION

DOCKET #
 05000331

SUBJECT: IELP has begun test prog to assess adequacy of subj facil
 fire ratings of its fire barrier penetration design & will
 submit test procedure on 790331 & final rept by 791231.

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 TITLE: FIRE PROTECTION INFORMATION (AFTER ISSUANCE OF OP. LIC.)

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IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

December 28, 1978

IE-78-1890

LEE LIU

SENIOR VICE PRESIDENT — ENGINEERING

Mr. Harold Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

Our analysis of the Duane Arnold Energy Center fire barrier penetrations indicates that the comparative differences between our penetrations and our architect engineer (AE) test penetrations will not allow a sufficiently accurate evaluation based upon the AE test data. Most of the materials used in the DAEC penetration designs are common to those of rated penetration designs, however, the combinations of thicknesses of materials is somewhat different.

Therefore, Iowa Electric Light and Power Company will provide test data to demonstrate the adequacy of DAEC barrier penetrations. A testing program has been initiated to assess the fire ratings of our penetration designs. We anticipate submitting our fire test procedure to your office on an informative basis by March 31, 1979 and a final test report by December 31, 1979.

Yours truly,



Lee Liu

Senior Vice President - Engineering

LL/RFS/cc

CC: R. Salmon
D. Arnold
R. Lowenstein
R. Clark (NRC)
H. Rehrauer
P-72a

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