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SUBJECT: Forwards "Reactor Containment Bldg Integrated Leakage Rate Test Types A, B & C Periodic Test," for 1990 refuel outage.

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Iowa Electric Light and Power Company

November 30, 1990

NG-90-2762

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  
Reactor Containment Building  
Integrated Leak Rate Test  
and Local Leak Rate Test  
File: A-103, T-23i, A-100

Dear Dr. Murley:

In accordance with Appendix A to Operating License DPR-49, Technical Specifications, Sections 4.7.A.2.g and 6.11.3, and 10 CFR Part 50, Appendix J, Section V.B, this letter transmits a copy of the Duane Arnold Energy Center (DAEC) "Reactor Containment Building Integrated Leakage Rate Test" for the 1990 Refueling Outage. Included as appendices to this report are the results and analysis of the Type B and Type C tests that were also performed prior to and during the refueling outage.

As documented in the attached report, testing conducted prior to startup from the 1990 Refueling Outage demonstrated that the DAEC primary containment leakage rate is within allowable limits. We have also enclosed a schedule for the performance of Integrated Leakage Rate Tests (ILRTs) during the current 10-year Inservice Inspection interval (Attachment 2).

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Dr. Thomas E. Murley  
November 21, 1990  
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Should you have any questions regarding this submittal, please contact this office.

Very truly yours,



Daniel L. Mineck  
Manager, Nuclear Division

DLM/CJR/pjv+

Attachment: 1) Reactor Containment Building Integrated Leak Rate Test  
2) Schedule for Performing ILRTs for the Second 10-year  
ISI Interval (November, 1985 - November, 1995)

cc: C. Rushworth  
L. Liu  
L. Root  
R. McGaughy  
S. Sands (NRC-NRR)  
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NRC Resident Office  
Commitment Control No. 900197

SCHEDULE FOR PERFORMING ILRTS  
FOR THE SECOND 10-YEAR INSERVICE INSPECTION INTERVAL  
(NOVEMBER, 1985 - NOVEMBER 1995)

DATE	OUTAGE	ILRT Performed/Planned
June, 1987	Cycle 8/9	Performed
December, 1988	Cycle 9/10	Performed
August, 1990	Cycle 10/11	Performed
February, 1992	Cycle 11/12	Not Planned
August, 1993	Cycle 12/13	Planned
February, 1995	Cycle 13/14	Not Planned