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 FACIL: 50-331 Duane Arnold Energy Center, Iowa Electric Light & Pow      05000331  
 AUTH. NAME      AUTHOR AFFILIATION  
 MCGAUGHY, R. W.      Iowa Electric Light & Power Co.  
 RECIP. NAME      RECIPIENT AFFILIATION  
 DENTON, H.      Office of Nuclear Reactor Regulation, Director (post 851125)

SUBJECT: Advises that leakage rate for personnel airlock incorrectly reported reactor containment bldg integrated leak rate test rept transmitted in util 851114 submittal. Personnel airlock local leak rate test procedure revised.

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 TITLE: OR Submittal: Append J Containment Leak Rate Testing

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Iowa Electric Light and Power Company

June 17, 1986

NG-86-2105

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

Subject: Duane Arnold Energy Center  
Docket No. 50-331  
Operating License No. DPR-49  
1985 Local Leak Rate Test Results

Reference: (1) Letter, R. McGaughy to H. Denton,  
dated November 14, 1985, NG-85-4475

File: A-103, T-23i

Dear Mr. Denton;

In Reference (1), Iowa Electric Light and Power Company provided to the NRC staff the 1985 "Reactor Containment Building Integrated Leak Rate Test Report". Included as appendices to this report were the results and analysis of the Type B and C Local Leak Rate Test (LLRT). These tests were performed during the Spring 1985 refueling outage.

Recently, while improving the "Personnel Airlock Local Leak Rate Test" procedure we discovered that the leakage rate for the Personnel Airlock was incorrectly reported in Reference (1) as 2,373 sccm. This should have been reported as 10,974 sccm. The error resulted from a failure to convert the calculated value of 2,373 ccm to standard conditions (sccm). As a result, the correct "as left" 1985 LLRT combined leakage rate is 76,158 sccm rather than 67,557 sccm. This value is well below the acceptance criteria of 220,532 sccm.

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As a precaution, the 1985, 1983 and 1981 LLRT reports were reviewed for similar errors and none were found. Iowa Electric Light and Power Company has further revised the "Personnel Airlock Local Leak Rate Test" procedure to calculate leakage rate in sccm thus precluding similar errors in the future.

I trust you will find the information provided satisfactory.

Very truly yours



Richard W. McGaughy  
Manager, Nuclear Generation

RWM/EKK/bj

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