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 AUTH. NAME AUTHOR AFFILIATION
 ROOT, R. D. Iowa Electric Light & Power Co.
 RECIP. NAME RECIPIENT AFFILIATION
 IPPOLITO, T. A. Operating Reactors Branch 3

SUBJECT: Responds to NRC 800110 ltr re control rod failure to fully insert on reactor scram. No evidence found for CY78&79 of events occurring when reactor automatically or manually scrammed. On 790313, control rod failed to scram due to valve.

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Iowa Electric Light and Power Company

April 15, 1980

LDR-80-105

LARRY D. ROOT
ASSISTANT VICE PRESIDENT
NUCLEAR GENERATION

Mr. Thomas A. Ippolito, Chief
Operating Reactors Branch #3
Division of Operating Reactors
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
1717 H. Street NW
Washington, D. C. 20555

Re: Duane Arnold Energy Center

Subject: Response to letter from T. Ippolito
to D. Arnold, dated January 10, 1980

File: A-103, NRC-1

Dear Mr. Ippolito:

In response to your letter concerning control rods failing to fully insert on reactor scram, we have reviewed our records for calendar years 1978 and 1979. We can find no evidence that any such events have occurred when the reactor has automatically or manually been scrammed at this facility. However, on March 13, 1979 during normal startup surveillance testing, one control rod (rod 22-31) failed to scram while using the individual rod scram switches. It was later determined that control rod 22-31 was not seeing scram pressure due to the failure of one of the scram solenoid valves; however, it would move with normal drive pressure. The rod was fully inserted and disarmed electrically. Subsequently, the scram solenoid valve was repaired and control rod 22-31 was satisfactorily tested.

Should you require any additional information on this subject, please advise.

Very truly yours,

Larry D. Root

Larry D. Root
Assistant Vice President
Nuclear Generation

April 15/80

LDR/DWT/n

cc: J. Van Sickel, D. Wilson

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