

Central file

50-331

Iowa Electric Light and Power Company

January 28, 1980
LDR-80-37

LARRY D. ROOT
ASSISTANT VICE PRESIDENT
NUCLEAR GENERATION

Mr. James G. Keppler, Director
Office of Inspection and Enforcement
Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, ILL 60137

Dear Mr. Keppler:

The attachment to this letter is an additional response to IE Bulletin No. 80-01 which was requested in a telephone conversation with your office on Friday, January 25, 1980. As reported in our letter dated January 16, 1980, the attached information assures that the ADS System will remain operable even after a seismic event.

Very truly yours,

Larry D. Root

Larry D. Root
Assistant Vice President
Nuclear Generation

LDR/RFS/mz
Attachment

cc: R. Salmon
D. Arnold
L. Liu
S. Tuthill
K. Meyer
D. Mineck
D. Wilson
T. Kevern (NRC)
File: A-101a, BN 80-01

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Additional Responses to IE Bulletin No. 80-01

1. The Velan valves in service in the DAEC ADS System originally passed the Manufacturers Standardization Society (MSS) Test criterion which is no more than 10 cc/hr/in. diameter of nominal valve size at hydrostatic seat test pressure. The valve size is nominally 2 in., therefore it leaked no more than 20 cc/hr of water. The most likely failure of the valve, according to the manufacturer, would be leakage through the seat, which after years of service should be no more than 10 times the original leak rate. By using the MSS and ASME air to water leak equivalency ratio (60) it was determined that the maximum leak expected for any valve at this time would be no more than 200 cc/min of air.

The conclusion based upon the above leak rate and the accumulator storage capacity is that the ADS System will operate at least 5 times (required by FSAR) after a time period of 5 hours.

2. As requested by the Region III office, the DAEC Operators were instructed to provide a contingency backup pneumatic supply to be connected between the pneumatic supply containment isolation valves in the case of a seismic event or any other event which would cause the loss of the normal pneumatic supply. A procedure has now been implemented which calls for the above operator actions.