



IES Utilities Inc.
200 First Street S.E.
P.O. Box 351
Cedar Rapids, IA 52406-0351
Telephone 319 398 8162
Fax 319 398 8192

John F. Franz, Jr.
Vice President, Nuclear

March 18, 1996
NG-96-0522

Mr. William T. Russell
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station P1-37
Washington, DC 20555-0001

Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
Generic Letter 89-10 Program Scope

Reference: 1) Letter, T. Hsia (NRC) to IES Utilities Inc., "Summary of Meeting Held on September 22, 1994, Extension of Generic Letter 89-10 Program Schedule at Duane Arnold," Dated October 12, 1994
2) Letter J. Franz (IES) to W. Russell (NRC), "Generic Letter 89-10 Program," NG-94-4017, Dated November 30, 1994
3) Letter, J. Franz (IES) to W. Russell (NRC), "Response to Request for Additional Information Regarding Removal of Certain Motor-Operated Valves from the DAEC Generic Letter 89-10 Program," NG-95-0815, Dated March 10, 1995

File: SPF-152, A-102

Dear Mr. Russell:

In the above References, we provided to the Staff our bases for the removal of seventeen Motor-Operated Valves (MOV's) from the Generic Letter (GL) 89-10 program at the Duane Arnold Energy Center (DAEC). The attachment to this letter lists the seventeen valves. As stated in the References, the design basis of these valves does not include system recovery from "secondary modes of operation," (e.g., surveillance testing) to perform an accident mitigation function. Therefore they are not considered safety-related and are not within the scope of the DAEC GL 89-10 program. However, based upon conversations with your Staff, we acknowledge the Staff's interest in the ability of these valves to return to their standby-readiness position. Therefore, to address the Staff's concern, the following commitments are made concerning the seventeen valves in question:

- ☐ The torque switch settings for these valves will be maintained based upon their last diagnostic test. These torque switch settings include evaluations of degraded voltage conditions.

9603250092 960318
PDR ADOCK 05000331
P PDR

An IES Industries Company

Handwritten signature/initials: ADOCK

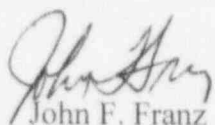
Mr. William T. Russell
NG-96-0522
March 18, 1996
Page 2 of 2

- ☐ All additional requirements for these MOVs will be as prescribed in section 3.1 of the MOV Program Manual. Subsection 5.0 of this section includes the methodology for determining the appropriate torque switch setting range for non-GL 89-10 MOVs. Factors considered include: Maximum Expected Differential Pressure, maximum line pressure, mean seat ring diameter, stem diameter, stem pitch, stem lead, valve factor, stem factor, etc..
- ☐ Industry operating experience and data feedback from the DAEC GL 89-10 program will be evaluated, on an ongoing basis, to determine if any adjustments to the control switches for these valves are required. However, since these valves are not in our Technical Specifications and are of low safety significance, adjustments to control switch settings will be made at the appropriate opportunity.

As stated above, we understand your Staff's interest in the capability of these valves to reposition to their standby-readiness positions and the above commitments will provide additional confidence in their ability to do so. However, we wish to emphasize that these valves have low safety significance and are not considered safety-related; they will not be included in the scope of the DAEC GL 89-10 program and therefore will not be part of the periodic re-verification program.

If you have any questions, please feel free to contact my office.

Sincerely,



John F. Franz
Vice President, Nuclear

Attachment

cc: R. Murrell
L. Liu
D. Mineck
G. Kelly (NRC-NRR)
H. Miller (Region III)
NRC Resident Office
DOCU

**SEVENTEEN VALVES REMOVED
FROM GL 89-10 PROGRAM SCOPE**

VALVE ID	VALVE NAME
MO-1912	'B' RHR Shutdown Cooling Pump Suction Valve
MO-1920	'B' RHR Shutdown Cooling Pump Suction Valve
MO-2011	'A' RHR Shutdown Cooling Pump Suction Valve
MO-2016	'A' RHR Shutdown Cooling Pump Suction Valve
MO-1936	RHR Drain to Radwaste Valve
MO-1937	RHR Drain to Radwaste Valve
MO-1941	'A' RHR Heat Exchanger Outlet Valve
MO-2031	'B' RHR Heat Exchanger Outlet Valve
MO-2010	RHR Cross-tie Valve
MO-2311	HPCI Pump Discharge Valve
MO-2511	RCIC Pump Discharge Valve
MO-2316	HPCI/RCIC Test Return Redundant Shutoff Valve
MO-2515	RCIC Test Return Valve
MO-2112	'A' Core Spray Test Return Valve
MO-2132	'B' Core Spray Test Return Valve
MO-2115	'A' Core Spray Outboard Injection Valve
MO-2135	'B' Core Spray Outboard Injection Valve