

U.S. NUCLEAR REGULATORY COMMISSION  
OFFICE OF INSPECTION AND ENFORCEMENT

REGION III

Report No. 50-331/80-08

Docket No. 50-331

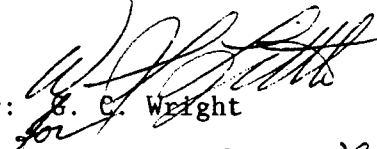
License No. DPR-49

Licensee: Iowa Electric Light and  
Power Company  
P. O. Box 351  
Cedar Rapids, Iowa 52406


Facility Name: Duane Arnold Energy Center

Inspection At: Duane Arnold Energy Center, Palo, Iowa

Inspection Conducted: May 20-22, 1980

Inspector:   
G. C. Wright

6/13/80

Approved By:   
W. S. Little, Acting Chief,  
Projects Section 1-2

6/13/80

Inspection Summary

Inspection on May 20-22, (Report No. 331/80-08)

Areas Inspected: Routine unannounced inspection of; Technical Specification compliance during single loop operation, followup on outstanding inspection items, review of containment vent and purge line isolation valves. The inspection involved 17 inspector-hours onsite by one NRC inspector.

Results: Of the areas inspected no items of noncompliance were identified.

## DETAILS

### 1. Persons Contacted

\*B. York, Assistant Chief Engineer Operations  
\*D. Wilson, Assistant Chief Engineer Technical  
\*J. Van Sickel, Technical Engineer  
\*R. McCracken, Quality Control Supervisor  
D. Teply, Operations Supervisor  
G. VanMiddlesworth, Reactor and Plant Performance Engineer

\*Denotes those present at the exit interview on May 22, 1980.

### 2. Followup on Outstanding Inspection Items

OII:79-32-04 (Closed) The inspector reviewed Design Change Request #721 on the Main Steam Isolation Valve stem leakoff line modification. The inspector verified that the following items were included in the package and were reviewed and approved prior to the reactors startup on 4/27/78.

- a. "Unreviewed Safety Question" review
- b. Review for special test requirements
- c. Procedure review
- d. FSAR review
- e. Technical Specification review
- f. Written Safety Evaluation
- g. Description and Basis for change.

Further review indicated that Field Change Request #721 seq. 1 was initiated on 4/4/80 and was completed during the recent refueling outage. The FCR required that blank flanges be stamped with the Heat No. and Purchase Order No. and the word "Blank."

### 3. Followup on Containment Vent and Purge Valve Isolation Logic and Controls per TI2515/26.

The inspector reviewed the following documents and verified that: bypassing of one containment isolation signal does not also bypass any other isolation signal, sufficient physical features are provided to facilitate adequate administrative controls and the use of each manual override is annunciated.

- a. DCR#906: Manual override of isolation on nitrogen supply to ADS valves.

- b. DCR#907: Group III isolation valves hand switch modification to require moving switches to the closed position and back to the open position to re-open valve after isolation has been reset.
- c. DCR#918: Group III isolation logic modification to allow bypassing individual isolation signals without affecting the operability of other isolation signals.
- d. Emergency Procedures III.A.1 and II.A.6: The inspector verified that adequate instructions are given as to the use of the individual bypass switches installed by DCR #918.

No items of noncompliance were identified.

4. Independent Inspection Effort

The inspector reviewed the following documents to verify compliance with Amendment 60 to the Technical Specifications.

- a. Balance of Plant Computer Log for May 5, 1980
- b. Computer Log P-1 for May 15-18, 1980

No items of noncompliance were identified.

5. Exit Interview

The inspector met with licensee representatives (denoted in Paragraph 1) at the conclusion of the inspection on May 22, 1980. The inspector summarized the scope and findings of the inspection.