

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

REGION III

Report No. 50-331/81-23

Docket No. 50-331

License No. DPR-49

Licensee: Iowa Electric Light and Power Company
Security Building, P. O. Box 357
Cedar Rapids, Iowa 52406

Facility Name: Duane Arnold Energy Center

Inspection At: Duane Arnold Site, Palo, Iowa

Inspection Conducted: October 20, 1981

Inspector: *M. L. Gildner*
M. L. Gildner

11/6/81

K. R. Baker for
Approved By: K. R. Baker, Chief
Management Programs Section

11/6/81

Inspection Summary

Inspection on October 20, 1981 (Report No. 50-331/81-23)

Areas Inspected: Routine unannounced inspection of the licensee's follow up action in response to previous inspection findings. The inspection involved a total of six inspector-hours onsite by one NRC inspector.

Results: Of the areas inspected, no new apparent items of noncompliance were identified, one item of noncompliance was closed out, and one item of noncompliance remains open.

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DETAILS

1. Persons Contacted

D. Mineck, Chief Engineer
*B. York, Assistant Chief Engineer - Operations
J. Sweiger, Electrical Maintenance Supervisor
M. Long, Instrument Technician

*Denotes those present at the exit meeting on October 20, 1981.

2. Licensee Action on Previous Inspection Findings

- a. (Closed) Noncompliance (50-331/81-13-01) Failure to identify and segregate out of calibration test and measuring equipment. The inspector reviewed ACP 1406.3 Revision 4, "Calibration Procedures" and ACP 1406.4 Revision 9, "Control of Measuring and Test Equipment". These procedures have been revised to detail the marking of equipment whose calibration has expired and its segregation from test equipment in calibration and available for use. The inspector determined that licensee corrective actions were consistent with the licensee's letter to Region III dated July 29, 1981 and were acceptable.
- b. (Open) Noncompliance (50-331/81-13-02) Failure to indicate the calibration status of installed plant instrumentation. The inspector found that the instrument calibration tagging program was still in the development stages. The type of calibration sticker to be used had not been determined, but it was determined that the sticker presently used for measuring and test equipment would be too large for field use. The method for instructing the instrument technicians in the requirement for tagging of installed plant instrumentation had not been determined. The inspector discussed with the Electrical Maintenance Supervisor various tags used by other licensees and several methods of instructing technicians in field instrument tagging.

Full compliance with program developed, implemented, and instruments tagged is expected by completion of the 1982 refueling outage and the interim program incorporation date of November 1, 1981, slippage will not alter the expected full compliance date.

3. Electrical Instrument Calibration Laboratory

During the previous calibration inspection, the inspector was unable to inspect the instrument calibration facility due to the misplacement of the only key to the area. The facility was inspected as part of the followup on the previous calibration inspection findings.

The calibration facility was inspected for proper storage of standards and portable test equipment; segregation of equipment with an invalid

calibration status; availability of calibration procedures and equipment technical manuals, and general housekeeping within the facility.

a. Findings

No items of noncompliance were identified in this area.

b. Discussions

The inspector noted that there was no specifically segregated storage within the calibration facility for out of calibration or damaged equipment. The inspector discussed with the Electrical Maintenance Supervisor, the reasons for segregation of out of calibration equipment to a specific controlled location within the calibration facility. The comments were taken under advisement for future consideration.

4. Exit Interview

The inspector met with licensee representatives denoted in Paragraph 1 at the conclusion of the inspection on October 20, 1981. The inspector summarized the purpose and the scope of the inspection and the findings.