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 AUTH.NAME: MINECK,D.L. AUTHOR AFFILIATION: Iowa Electric Light & Power Co.
 RECIP.NAME: AUTHORITY AFFILIATION

SUBJECT: RO: on 800227, during refueling outage insp of reactor core isolation cooling turbine, governor end & pump end journal bearings upper caps found partially wiped, Cause undetermined, Governor end & pump end Journal replaced.

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NOTES: -----

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WBB

Iowa Electric Light and Power Company

May 23, 1980

DAEC - 80 - 248

50-231

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

Subject: Unique Report 80-2

File: A-118, NRC-1, NRC-7

Dear Mr. Keppler:

This report is submitted in accordance with the requirements of Appendix A to Operating License DPR-49 Specification 6.11.3.

Problem:

On February 27, 1980 during a DAEC refueling outage inspection of the RCIC turbine, both the governor end and pump end journal bearings upper caps were found partially wiped. Several pieces of babbitt were located and removed from the lower cap of the governor end journal bearing. No metal was recovered from the pump end bearing. Although the bearings were wiped, the RCIC turbine was still operable and had been previously demonstrated operable by satisfactory completion of functional testing.

Cause:

No definitive cause of the problem was determined. Discussions with personnel who performed the repair work indicate that turbine misalignment is suspected as having caused the wiped bearings.

Corrective Action:

The RCIC turbine governor end and pump end journal bearings were replaced. An oil flush was performed on the turbine oil system to ensure that all loose metal pieces had been removed from the RCIC turbine. The RCIC turbine was subsequently reassembled, realigned, and satisfactorily functionally tested and declared operable. No further corrective action is planned at this time.

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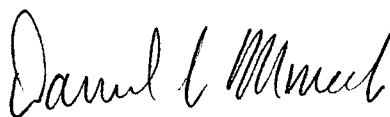
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Mr. James G. Keppler
May 23, 1980

This report has been reviewed and approved by the DAEC
Operations Committee.

Very truly yours,



Daniel L. Mineck
Chief Engineer
Duane Arnold Energy Center

Docket No. 50-0331

DLM/DWT/rs