

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 Region 3, Chicago, Office of the Director

SUBJECT: LER 80-004/01T-0: on 800214, during scheduled leak rate testing, MSIVs 4412, 4413, 4416, 4418, 4419, 4420 & 4421 found w/seat leakage on inboard & combined seat & stem leakage on outboard valves exceeding Tech Spec. Cause indeterminate.

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DUANE ARNOLD ENERGY CENTER

Iowa Electric Light and Power Company

LICENSEE EVENT REPORT-Supplemental Data

Docket No. 050-0331

Licensee Event Report Date: 022880

Reportable Occurrence No: 80-004

Event Description

During the performance of scheduled leak rate testing, inboard MSIV's 4412, 4418 and 4420 were found to have seat leakage in excess of the 11.5 SCFH limit specified in T.S.4.7.A.2.C.3. In addition, outboard MSIV's 4413, 4416, 4419, and 4421 were found to have combined packing and seal leakage in excess of the 11.5 SCFH Technical Specification limit.

Cause Description

The cause of the valve seat leakage is indeterminate. The packing leakage has been determined to be the result of stem galling caused by lantern ring and junk ring interference. The valves are Rockwell Manufacturing 20 inch pneumatically operated MSIV's. Each valve is rated at 1250 psi and 575<sup>0</sup>F.

Corrective Action

It is intended that the lantern rings be removed, stems replaced as necessary, a radius cut on each junk ring, and the packing replaced as needed for each MSIV. The stellite valve seats will be lapped as required.