

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9

ATTACHMENT

LER 79-14/3X-1
Millstone Unit 2
Docket No. 50-336

EVENT DESCRIPTION

During a routine power operation, a small leak was found coming from a crack in the "C" charging pump body. The pump was removed from service and isolated.

On 10/24/79, a leak was found from a crack located in the valve block along the plunger bore of the "B" charging pump body. The pump was removed and isolated.

The "A" charging pump was routinely removed from service and isolated on 11/9/79 for non-destructive testing. A penetrant test (PT) was performed on the charging pump body and it revealed linear indications similar to the other pumps.

Pump Data ARMCO Pump Co.; Model J-531-M6DF, (a) Serial #2256, (b) Serial #2262, (c) Serial 2261, Reciprocating, Positive Displacement.

There are no probable consequences of these events as in each case the plant was operated in accordance with Technical Specification Sections 3.1.2.4 and 3.5.2.

CAUSE DESCRIPTION

The cause of the cracks appears to be the result of a stress or fatigue failure in the valve block around the valve cylinder shoulder. The defective valve block was replaced for the "C" charging pump. The existing valve blocks were reinstalled for the "A" and "B" charging pumps. The condition of these pumps was determined to be not detrimental to their operation.

Long term corrective action will be replacement of the existing charging pumps with those of a different vendor.

The "B" charging pump is scheduled for replacement within a few weeks. The replacement pump will be a GAULIN Model NP 18-3.1 TFS Reciprocating Charging Pump.