

I. LER NUMBER: 82-127/03L-0

II. LASALLE COUNTY STATION: Unit 1

III. DOCKET NUMBER: 050-373

IV. EVENT DESCRIPTION:

On September 20, 1982, with Unit 1 at approximately 11% power, two solid radwaste pipe welds (line numbers 0WX11A and 0WX91B) were found to have developed corrosion problems and were leaking slightly.

V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

The leaking water from lines 0WX11A and 0WX91B drained directly to the spent resin sump. The health and safety of the public was not affected.

VI. CAUSE:

The cause of this corrosion problem was the use of seamless low carbon steel in a piping system that handles 10% by weight H_2SO_4 and 4% by weight NaOH.

VII. CORRECTIVE ACTION:

A modification (#M-1-0-82-126) has been initiated to replace the deteriorating piping with a more durable substitute.

Prepared by: John Arand