

LASALLE COUNTY NUCLEAR GENERATING STATION  
N.P.D.E.S. PERMIT NO: IL0048151  
NONCOMPLIANCE REPORT

DISCHARGE NUMBER AND DESCRIPTION: Outfall 001c Low Volume Waste  
Radwaste Discharge Tanks

PARAMETER AND PERMIT LIMIT: Total Iron, 1.0 mg/l

NONCOMPLIANCE, DATE, AND DURATION: 1.2 mg/l, 20 September 1982, 9 hours

CAUSE OF NONCOMPLIANCE:

The exact cause of this noncompliance is unknown. Possible sources of this iron are from evaporator carryover, or acidic distillate from the evaporators, solubilizing iron. The pH of the radwaste discharge tanks, prior to neutralization, have tended to be acidic.

CORRECTIVE ACTION:

The present treatment by evaporation is providing expected treatment efficiency. The station will continue monitoring this outfall to assess the need for additional processing to improve iron removal.

8211060279 821025  
PDR ADCK 05000373  
S PDR

DATE RECOGNIZED AS A VIOLATION:

7 October 1982

DATE INVESTIGATED:

8 October 1982