

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

DISCHARGE NUMBER AND DESCRIPTION: Outfall 001c Low Volume Waste
Wastewater treatment facility

PARAMETER AND PERMIT LIMIT: Total Suspended Solids 15 mg/l
Total Iron 1.0 mg/l

NONCOMPLIANCE, DATE, AND DURATION:

Total Suspended Solids, 150 mg/l, 14 September 1982, 24 hours
Total Iron 67.0 mg/l, 14 September 1982, 24 hours

CAUSE OF NONCOMPLIANCE:

The wastewater plant pH was upset during this period due to Unit 2 construction activities. An acidic floor cleaning solution was used to prepare the floors for painting. The upset pH degraded the efficiency of flocculation and filtration.

CORRECTIVE ACTION:

A work request has been initiated to install an inline pH monitor at the WWTF. Installation of this equipment, and logic to trip the equalization tank transfer pumps on conditions of high or low pH should prevent this from occurring in the future.

DATE RECOGNIZED AS A VIOLATION:

22 September 1982

DATE INVESTIGATED:

27 September 1982

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