



Commonwealth Edison
LaSalle County Nuclear Station
Rural Route #1, Box 220
Marseilles, Illinois 61341
Telephone 815/357-6761

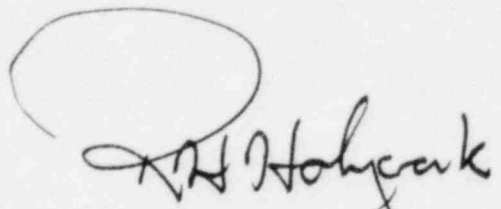
50-373

May 26, 1982

Mr. James G. Keppler
Regional Administrator
Director of Regulatory Operations - Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Sir:

In accordance with LaSalle County Station Unit 1 Facility Operating License NPF-11, Appendix B, Section 3.2, we are submitting to you a copy of the NPDES noncompliances for LaSalle County Nuclear Generating Station Permit No. IL0048151.


R. H. Holyoak
Superintendent
LaSalle County Station

RHH/GW/psl

Enclosure

cc: DVR Report 1-1-82-40

JUN 15 1982

8206170266 820526
PDR ADOCK 05000373
S PDR

FE 22

I. DEVIATION REPORT NUMBER: 01-01-82-40

II. LASALLE COUNTY STATION: Unit 1

III. EVENT DESCRIPTION:

On May 14, 1982, it was determined that the WWTF had an effluent pH of 3.5 S.U., and on 5/15/82 the WWTF effluent composite was determined to contain 17 mg/l total suspended solids. This condition persisted until 5/24/82. These exceeded the N.P.D.E.S. Permit limits of 6.0 - 9.0 pH and 15 mg/l total suspended solids. A total of 136,400 gallons was discharged to the Cooling Pond during this noncompliance.

IV. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

This occurrence did not affect the health and safety of the general public. This is not a frequent occurrence.

V. CAUSE

On 5/12/82, the M.U.D. acid sump, OWM06, overflowed 3 times during regeneration of M.U.D. train B. This overflow went to the M.U.D. clean sump, OWM05, and eventually to the WWTF. This resulted in lowering the pH of the WWTF to 3.5 S.U. The WWTF was not sampled until 5/14/82, at which time all discharges to this outfall were sampled to determine the cause. However, all these discharges had returned to within allowable pH limits. The low pH of the Wastewater resolubilized the coagulated iron and solids resulting in these solids passing through the Media Filters into the effluent.

VI. CORRECTIVE ACTION:

No corrective action was taken to return the WWTF to inspect operation as the plant had a full inventory of water and there was no available space to transfer the water for neutralization.

The clean sump manhole cover has been securely fastened to aid in preventing further in-leakage. A work request, #15738, has been submitted to change the acid sump level alarm as a further aid in preventing sump overflows.

Further investigations have shown that the orifice plates in the backwash lines could have been left out during the last maintenance on the Makeup Demins. Work requests, #15895, 15896 and 15898, have been submitted to replace the orifice plates.

Prepared by: P. Knoll



Commonwealth Edison
LaSalle County Nuclear Station
Rural Route #1, Box 220
Marseilles, Illinois 61341
Telephone 815/357-6761

May 24, 1982

U. S. Environmental Protection Agency
Region V, Enforcement Division
ATTN: Chief, Compliance Unit
230 South Dearborn Street
Chicago, Illinois 60604

Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Management Unit
2200 Churchill Road
Springfield, Illinois 62706

SUBJECT: NPDES Noncompliances for LaSalle County Nuclear Generating
Station Permit No. IL0048151

Dear Sir:

In accordance with Standard Condition 12, we wish to submit the following notices of noncompliance. The Cooling Pond was blowing down at the time of these noncompliances.

If there are any questions, please contact Mr. Charles L. Nash of my staff, at (815) 357-6761, extension 235.

R. H. Holyoak 5/25/82
R. H. Holyoak
Station Superintendent

RHL
RHH/FRL/CLN/gew

cc: Director of Water Quality, Environmental Affairs
Manager, Nuclear Stations Division

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

DISCHARGE NUMBER AND DESCRIPTION: 001c - Low Volume Waste
Wastewater Treatment Facility (WWTF)

PARAMETER AND PERMIT LIMIT: pH, 6.0 - 9.0 S.U.

NONCOMPLIANCE, DATE, AND DURATION:
4.0 S.U., 17MAY82, continuous
4.1 S.U., 17MAY82, continuous
4.8 S.U., 18MAY82, continuous
4.4 S.U., 19MAY82, continuous
3.5 S.U., 14MAY82, continuous
3.5 S.U., 15MAY82, continuous
3.8 S.U., 16MAY82, continuous
4.7 S.U., 20MAY82, continuous
4.7 S.U., 21MAY82, continuous

A total of 136,400 gallons was discharged to the Cooling Pond over this period.

CAUSE OF NONCOMPLIANCE: ----

On 12MAY82, the M.U.D. acid sump, 0WM06, overflowed 3 times during the regeneration of M.U.D. train B. This overflow went to the M.U.D. clean sump and ultimately to the WWTF, resulting in low effluent pH of 3.5 S.U.

CORRECTIVE ACTION:

The low pH of the WWTF was not determined until 14MAY82, at which time the sumps were sampled and determined to be within allowable limits. As all inputs to the WWTF had returned to normal by this time, and the WWTF had a full inventory of water, no corrective action was taken to return the plant to normal operation. However, the problem of the sumps overflowing is still being investigated by the Operating Department.

DATE RECOGNIZED AS A VIOLATION:

14MAY82

DATE INVESTIGATED:

16MAY82

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

DISCHARGE NUMBER AND DESCRIPTION: 001c - Low Volume Waste
Wastewater Treatment Facility (WWTF)

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

NONCOMPLIANCE, DATE, AND DURATION: 17 mg/l, 15MAY82, continuous

CAUSE OF NONCOMPLIANCE:

On 12MAY82, the M.U.D. acid sump, OWM06, overflowed 3 times during the regeneration of M.U.D. train B. This overflow went to the M.U.D. clean sump and ultimately to the WWTF, resulting in a low plant pH of 3.5 S.U. This low pH wastewater resolubilized the coagulated iron and solids and allowed them to pass through the Media filters into the effluent.

CORRECTIVE ACTION:

The low pH of the WWTF was not determined until 14MAY82, at which time all sumps leading to this outfall were sampled and determined to be within allowable limits. As all inputs to the WWTF had returned normal by this time, and the WWTF had a full inventory of water, no corrective action was taken to return the plant to normal operation. However, the problem of the sumps overflowing is under investigation by the Operating Department.

DATE RECOGNIZED AS A VIOLATION:

15MAY82

DATE INVESTIGATED:

16MAY82