

December 17, 1993

Janet K. Watts, LP 5D-C

KINGSTON FOSSIL PLANT - TASK ID NO. E94KIF02 - PROBLEM ASSESSMENT AND RESOLUTION REQUEST

SUBJECT/TITLE: REPLACE COAL YARD RUNOFF POND PUMPS

ASSESSMENT DUE DATE: January 7, 1994

Elimination of the problem identified by the attached Problem Assessment and Resolution Request for an environmental-related problem is expected to require a capital project for implementation. Please perform the assessment and provide an improvement activity (IA) summary that includes the following information:

- Reason for improvement
- Problem definition
- Root cause analysis
- Potential solution(s)
- Benefit of solutions(s)
- Proposed schedule for implementation of solution(s). Tie to specific outage if appropriate.
- Preliminary cost estimate of solution(s)

The IA summary should be coordinated with the plant to obtain concurrence with the proposed solution(s). Should you require the assistance of Engineering Services or an outside contractor to perform the assessment, contact Darrell Howard, Project Manager (PM) for Kingston, 751-6793. Provide the PM with the reason the funding is needed and an estimate (man-hours and cost) and schedule for performance of the assessment. The PM will request approval of a Phase 1A (assessment) Project Approval Board package to obtain the funding.

Please provide the completed assessment to the PM by the date requested.



R. L. Bruce
Manager, Fossil Project Support
BR 3D-C

RLB:EJF:YRH

Attachment

cc (Attachment):

D. L. Allen, LP 5D-C
R. M. Cole, KIF 1A-K
W. D. Hall, BR 4A-C
D. A. Howard, BR 3D-C
RIMS, CST 13B-C

1093k

PROBLEM ASSESSMENT AND RESOLUTION REQUEST

Plant: KINGSTON Unit(s) X

Subject/Title REPLACE COAL YARD RUNOFF POND PUMPS

Problem Description: (Symptom, Equipment Affected, Sequence of Events, etc..)

HEAVY RAIN CONDITIONS CAUSED AN NPDES NONCOMPLIANCE FROM THE COAL YARD DRAINAGE POND IN FY91. THE TWO EXISTING PUMPS ARE NOT SUITED TO OPERATING CONDITIONS IN THIS SYSTEM, DO NOT OPERATE RELIABLY, AND DO NOT HAVE SUFFICIENT CAPACITY. TVA COMMITTED TO THE STATE OF TENNESSEE TO UPGRADE THE CAPACITY OF THESE PUMPS.

Unit Performance Impact(If Applicable):

Impact to Unit EFOR % GADS Code(s)

Impact to Unit Heat Rate Btu/kWh Impact Time Period

(Environmental)

Other Quantifiable Impact Indicator (Provide Indicator Description, Its Value and Impact Time Period) ENVIRONMENTAL noncompliances - prevent a notice of violation during flood conditions.

PREVENT A NOTICE OF VIOLATION DURING FLOOD CONDITIONS

Requester: RAY ADAMS Ray Adams

Urgency Code: A (If A, specify need date)

Phone Number: 224-1172 224-1172

- A. Immediate, need date 12/1/93
B. Next Planned Outage
C. Planned Outage After Next
D. Long Range Plan

Approval: [Signature] (Fossil Plant/Hydro Regional Manager)

Date: 9/2/93

Project Management Use Only

Preliminary Budget Category [X] CAPITAL [] O&M

Date Received: 10/8/93

Date Assigned: / /

Responsible Department Assigned: Environmental Affairs Task ID No. due 1/7/94