

**From:** Marc Ferdas / *RI*  
**To:** Glenn Meyer; Scott Barber  
**Date:** 2/12/04 3:54PM  
**Subject:** Allegation Followup Activities - Hope Creek

Glenn,  
I completed the allegation followup concerning the in-progress maintenance work on the A control room chiller (AK400). Please see attached file.

If you have any questions please let me know.

**CC:** David Vito; Mel Gray

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**Allegation Follow-up**  
**Hope Creek - In-Progress Work on "A" Control Room Chiller (AK400)**  
Prepared by: Marc S. Ferdas (2/12/2004)

Purpose

Investigate work control concerns related to in-progress work on the "A" control room chiller (AK400).

Background

The work management/control process is described in PSEG's procedure NC.WM-AP.ZZ-0001 ("Work Management Process"). The work management process is as followed:

|      |                             |
|------|-----------------------------|
| T-16 | Scoping Package Development |
| T-14 | Scoping Package Review      |
| T-12 | Work Scoping                |
| T-7  | Tier 1 Scope Review         |
| T-5  | Workweek Scope Freeze       |
| T-4  | Initial Schedule Review     |
| T-3  | Final Schedule Review       |
| T-2  | Schedule Freeze             |
| T-1  | Complete Readiness Reviews  |
| T-0  | Workweek Implementation     |
| T+1  | Workweek Review             |

Work that is either added or deleted after the scope freeze (T-5), a "Form 2 Online Schedule Change Request" must be completed. This form ensures that a proper risk analysis is performed to accommodate changes to the work schedule and communication of potential impact to probabilistic safety assessment.

During the T-4 week, maintenance receives the work packages to verify that it is adequate to perform the required work. This usually involves field walkdowns, verifying proper procedures are identified, ensuring correct parts are available and on-site, etc... Prior to work being (i.e., day before or day of) performed a job brief is conducted with the crew performing the work and the job supervisor.

Description

On February 11, the A control room area chiller was taken out of service for scheduled maintenance; and a 7 day limiting condition of operation was entered for one control room emergency filtration (CREF) subsystem being inoperable.

The work package development for this job went as described below:

The original scope of work involved performing required preventative maintenance calibrations on system instrumentation. In mid January (T-4), the system engineer requested that additional work be added to the work scope and it was added in accordance with the work management procedure using Form 2. The system engineer requested the following additional work on the chiller: (1) outer bearing replacement, (2) oil filter housing replacement, and (3) inspection and/or replacement if necessary of the labyrinth seal. The work (order 60042095) was not added to the work schedule (T-1) till it was confirmed by the maintenance department (superintendent) that the parts were

available and on-site after being ordered.

Maintenance personnel responsible for performing the work were not aware that the additional work activities were added to the work scope till Monday January 9, one day prior to the start of work and after they conducted their necessary reviews.

Conclusion

Additional work was added to the work schedule and not communicated to maintenance personnel after they performed their final work scope reviews. The work was added in accordance with PSEG procedures however was not fully communicated among the maintenance department.

Individuals Contacted

Rich Keenan, Maintenance Supervisor

Jim Kepley, Operations Work Week Coordinator

Edward Deppe, Maintenance Tech

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**From:** Marc Ferdas  
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GSB (Scott Barber)  
GWM (Glenn Meyer)  
MXG3 CC (Mel Gray)

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