

SSER

Task: Allegation A-63

Reference Number: 4-83-A-88/15

Characterization: The allegation is that equipment was not properly aligned or levelled when it was installed.

Assessment of Allegation: The implied safety significance of this allegation is that safety-related rotating equipment with improper alignment will not continue to function as designed.

In assessing this allegation, the NRC staff reviewed Ebasco Specification MC-1, General Specification Covering Installation of Mechanical Equipment, dated April 26, 1976, and Gulf Engineering Company Procedure PR 10.0, Traveler System, dated December 10, 1982. The NRC staff found that these installation requirements and controls were adequate. Additionally, the NRC staff reviewed the installation records (travelers) for the following equipment:

- Emergency diesel generators
- High pressure safety injection pumps
- Low pressure safety injection pumps
- Charging pumps
- Emergency feedwater pumps
- Reactor coolant pumps

The installation records were found to be complete and acceptable, including QC inspection results.

The NRC staff found that Ebasco Specification MC-1 was followed unless the manufacturer's requirements were more stringent or contained special requirements; in that case, those requirements were complied with. For example, the reactor coolant pumps were installed in accordance with the requirements established by the Nuclear Steam System Supplier, Combustion Engineering, and the pump manufacturer, Byron Jackson. Additionally, the staff observed a low pressure safety injection pump in operation. The pump and motor were operating with virtually no vibration, indicative of proper setting and alignment.

Accordingly, this item has no safety significance and is not indicative of any generic implications or management problems.

Potential Violations: None.

Actions Required: None.

## References

1. Ebasco Services Corporation Specification MC-1, "General Specifications Covering Installation of Mechanical Equipment," approved April 27, 1976.
2. Gulf Engineering Company Procedure PR 10.0, "Traveler System," dated December 10, 1982.

Statement Prepared By: R. E. Farrell                      Date                     

Reviewed By: \_\_\_\_\_ Team Leader \_\_\_\_\_ Date \_\_\_\_\_

Reviewed By: \_\_\_\_\_  
 \_\_\_\_\_ Site Team Leader(s) \_\_\_\_\_ Date \_\_\_\_\_

Approved By: \_\_\_\_\_  
Task Management \_\_\_\_\_ Date \_\_\_\_\_

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