

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of:)	
)	
ALABAMA POWER COMPANY)	Docket Nos. 50-348-CivP
)	50-364-CivP
)	
(Joseph M. Farley Nuclear)	
Plant, Units 1 and 2))	ASLBP No. 91-626-02-CivP

REPORT OF ALABAMA POWER COMPANY ON THE LEVEL OF
SILICONE OIL IN THE GEMS LEVEL TRANSMITTERS AND
THE GREASE USED IN FAN MOTORS ON NOVEMBER 30, 1985

Pursuant to the Board's Order of February 24, 1992, Alabama Power Company (APCo) provides the following report on the levels of silicone oil in the GEMS Level Transmitters and the lubricant being utilized in the containment fan motors and room coolers outside containment on November 30, 1985.

GEMS Level Transmitters

Despite an extensive review of the GEMS Level Transmitters maintenance records, APCo has been unable to determine definitively the levels of the silicone oil in the transmitters on November 30, 1985. The GEMS installation manual, however, expressly identified the appropriate level of silicone oil for the eight transmitters. APCo believes that this installation manual was followed at the time of installation because had the appropriate level of silicone oil not been applied when the transmitters were originally installed, then APCo's quality assurance program or quality control program should have discovered any deficiencies. No evidence of any such deficiency has been found. Between the date of installation and November 30, 1985, there are no records that would indicate that the level

of oil had fallen below the appropriate levels, with one exception. APCo has discovered a May 16, 1985 Maintenance Work Request (MWR), which indicated that one of the eight transmitters did not have the appropriate level of oil. The MWR says that the transmitter was filled at that time to the appropriate level. Other than the one transmitter reference in the MWR, APCo cannot determine conclusively the level of silicone oil in the transmitters at the deadline.

Premium RB Grease

APCo has researched the Farley Nuclear Plant lubrication records and confirmed that for Unit 1, Premium RB grease has been applied to the containment fan motors and room coolers outside containment at least since September 21, 1977. Moreover, Premium RB grease has been used on these motors during each outage since that date. For Unit 2, APCo has been using Premium RB grease on the same motors at least since June 2, 1981, and during each outage since that time. As a result of this review, APCo has reasonable assurance that as of November 30, 1985, Premium RB grease was being used in the motors at issue in this enforcement action.


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