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PRIORITY ATTENTION REQUIRED MORNING REPORT - REGION I NOVEMBER 4, 1992

Licensee/Facility: Public Service Electric & Gas Co.
Hope Creek 1
Hancocks Bridge, New Jersey
Dockets: 50-354
BWR/GE-4

Notification: MR Number: 1-92-0135
Date: 11/04/92
SRI PC

Subject: EMERGENCY DIESEL GENERATOR FUEL OIL PUMP FAILURE

Reportable Event Number: N/A

Discussion:

On 11/1, the licensee completed an overhaul of the "B" emergency diesel generator (EDG), manufactured by Colt-Pielstick. During post-maintenance testing, operators noted the fuel oil pressure decreased as the EDG was electrically loaded. An investigation revealed that the engine driven fuel oil pump, which had been replaced with a new unit during the overhaul, was rotating in the reverse direction from what was required. Upon disassembly, the licensee noted that the pump internals were configured for a clockwise rotating EDG. Hope Creek's EDGs are designed with a counter-clockwise rotation of the main crank shaft. The licensee reconfigured the fuel oil pump's internals and reinstalled the pump. The EDG was then successfully tested. The licensee also determined that two spare fuel oil pumps in the warehouse were identical to the incorrect one found in the "B" EDG. Hope Creek remains in cold shutdown, preparing for unit restart. The three other EDGs (A, C and D) were also overhauled during the refueling outage; however, their engine driven fuel oil pumps were not replaced. The licensee is pursuing its investigation with the vendor, including an evaluation of reportability under 10CFR21. The engine driven fuel oil pumps, Colt-Pielstick part number P12605391 were manufactured by Societe d'Etudes de Machines Thermiques (SEMT) of Paris, France and delivered to Hope Creek in 1985.

Regional Action:

The resident inspector is onsite monitoring licensee activities. Region I will be discussing the issue with the Vendor Branch, NRR.

Contact: John White (215)337-5114

Info:
cc: N. [unclear]
P. [unclear]
C. [unclear]
H. [unclear]

- Refer to P+21 system for assessment.