

## Licensee/Facility:

Houston Lighting & Power Co.  
South Texas 1 2  
Wadsworth, Texas

## Notification:

MR Number: 4-94-0032  
Date: 04/19/94  
Licensee telecon 4/18/94

Dockets: 50-498,50-499  
PWR/W-4-LP,PWR/W-4-LP

Subject: STANDBY DIESEL GENERATOR FUEL INJECTION PUMP STUD FAILURE

Reportable Event Number: N/A

## Discussion:

On April 14, 1994, during a postmaintenance test run on Standby Diesel Generator 22, the studs on the Fuel Injection 6L pump failed. The operator in the diesel generator room shut down the engine. Subsequently testing and analysis by the licensee has not been successful in establishing a definite root cause of the failure. The licensee is processing a design change to replace the hollow studs with solid studs. The licensee has initiated a test program to help establish the reason for this engine's history of stud failures. Extra vibration monitoring has been installed on all of the Unit 2 SDGs to monitor vibration during low speed operation and operation at various loads. On April 19, testing of SDG 22 was underway, to be followed by testing the other two engines.

## Regional Action:

The Region is monitoring the licensee's actions and participating in conference calls with the licensee and NRR.

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Contact: Bill Johnson

(817) 860-8148