



SUPPLEMENT TO LER #81-007/03L-0

SUPPLEMENT TO CAUSE DESCRIPTION:

THE INTAKE AND EXHAUST VALVES IN #4 REAR BANK CYLINDER HEAD WERE REPLACED. ALL STARTING AIR VALVES WERE INSPECTED. TWO ADDITIONAL STARTING AIR VALVES WERE FOUND STUCK OPEN. THE #4 REAR BANK, #2 FRONT BANK AND #5 REAR BANK STARTING AIR VALVES WERE REPLACED. THE REAR BANK STARTING AIR DISTRIBUTOR WAS REPLACED. INSPECTION OF STARTING AIR VALVES WILL BE A PART OF THE 18 MONTH SURVEILLANCE IN BOTH UNITS.

INSPECTION OF THE TURBOCHARGER REVEALED THAT IT WAS DAMAGED BY SMALL PARTS OF THE FAILED STARTING AIR VALVE AND FAILURE OF THE EXHAUST EXPANSION JOINT INNER LINERS. THE TURBOCHARGER ROTOR WAS REPLACED. ALL OF THE LINERS HAVE BEEN REMOVED FROM 2CD DIESEL. LINERS ON THE THREE REMAINING DIESEL ENGINES WILL BE REMOVED DURING SUBSEQUENT 18 MONTH SURVEILLANCE INSPECTIONS.