50-424/425-0LA-3 5/17/95 - TU I-MOSBA - 93 Exhibit 93, page of 2 DOCKETED

EXECUTIVE SUMMARY - VOGTLE DIESEL OPERABILIT

Background and Status

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On 3/20/90, the 1A diesel started, energized and loaded, but tripped twice before being emergency started and loaded to Fsupport stutdown cooling. The Vogtle critique team consisting of DOCKEItyG and Wendor technical experts believes that the 1A diesel tripped Beabuse of a combination of intermittent failures of jacket water switches or inconsistent calibration techniques of these switches during a recent engine overhaul. Subsequent testing has indicated that the 3/20/90 diesel annunciator indication could be reproduced on a high jacket water temperature trip. Since 3/20/90, sensor calibration and replacement, extensive logic testing, special pneumatic leak testing, multiple engine starts, and runs under various conditions have been performed to ensure a high state of diesel reliability prior to declaring these engines operable. Discussions with the original equipment manufacturer and review of Vogtle data demonstrate that jacket water temperature switches have proven reliable on these and similar engines between overhauls.

Recent Reliability Improvements

Vogtle has implemented the following reliability improvements:

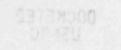
- Calibration procedures have been reviewed with the vendor to ensure that calibrations are consistent, and switch performance is reliable.
- Operators have been trained prior to shift relief to ensure that operators realize that an emergency reset will override the high jacket water trip.
- 3. The undervoltage start of the diesel has been changed to bypass non-essential engine trips on Unit 1 to improve overall reliability. This change will be implemented on Unit 2 prior to 4/15/90.

Diesel Reliability

In 1989 Vogtle diesels have been more reliable than other nuclear industry diesels. Vogtle diesels exceed the requirements of the blockout rule.

	Safety System Performance	(Emergency	AC Power	BWK & FWF	in Fib.
		1987	1988	1989	1990
	US BEST QUARTILE US MEDIAN SISTERS	0.010 0.017 0.027	0.009 0.017 0.033	0.012 0.020 0.030	
NTIFFS HIBIT	VOGTLE U1 VOGTLE U2	0.04	0.05	0.006	.08 (4. Mari
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Future Reliability Work

Vogtle will continue to work with the owners group to improve diesel reliability. Appropriate engine enhancements will be scheduled for overhaul periods.