

Jersey Central Power & Light Company

MADISON AVENUE AT PUNCH BOWL ROAD • MORRISTOWN, N. J. 07960 • 539-6111

June 30, 1972

Mr. A. Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
United States Atomic Energy Commission
Washington, D. C. 20545



Dear Mr. Giambusso:

Subject: Docket 50-219
Oyster Creek Station
Trip of Diesel Generator No. 1

The purpose of this letter is to report to you a trip of diesel generator no. 1 that occurred during surveillance testing at Oyster Creek Station.

On June 26, 1972, a routine one-hour surveillance test of diesel generator no. 1 was being conducted when a normal shutdown sequence of the generator was initiated. The unit had been loaded at 1875 KW for approximately five minutes prior to the shutdown.

Prior to the shutdown, the unit trouble alarm was annunciated and the operator, stationed locally at the diesel generator, checked the cause of the trouble alarm and determined it to be excessive engine cooling water temperature. The cause of the high engine coolant temperature was determined to be the result of a defective louver control temperature switch (TA) which prevented the shutters (or radiator louvers) from opening. As a result, the engine water temperature switch (ETS) closed at an approximate coolant temperature of 200°F and initiated a normal engine shutdown.

The engine coolant system was drained to permit removal of the TA switch. Upon removal of the switch, it was found that the gas bulb had lost its charge; thus, a replacement switch was needed. The manufacturer's representative was contacted to obtain a replacement switch and daily surveillance testing of diesel generator no. 2 was started as required by the Technical Specifications.

*50-219
Incident*

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An investigation is underway to determine what design improvements, if any, can be made to the louver control system to prevent a recurrence of this event.

We are enclosing twenty-five copies of this report.

Very truly yours,



Ivan R. Finfrock, Jr.
Manager, Nuclear Generating Stations

IRF/pk

Enclosures

cc: Mr. J. P. O'Reilly, Director
Regulatory Operations, Region I