OYSTER CREEK NUCLEAR GENERATING STATION
Forked River, New Jersey 08731

Licensee Event Report
Reportable Occurrence No. 50-219/83-14/01P

Report Date

April 7, 1983

Occurrence Date

April 6, 1983

Identification of Occurrence

Discovery of a design deficiency which would have resulted in not meeting a Limiting Condition for Operation as defined in the Technical Specifications, paragraph 3.5.B.

This event is considered to be a reportable occurrence as defined in the Technical Specifications, paragraph 6.9.2.a.9.

Conditions Prior to Occurrence

Mode Switch	Refuel
Thermal Power	0 MWt
Generator Load	0 MWe
Reactor Coolant Temperature	$\angle 212^{\circ}F$

Description of Occurrence

On Wednesday, April 6, 1983, after an investigation of the Standby Gas Treatment System (SGTS), a design deficiency was discovered.

Apparent Cause of Occurrence

The cause of the occurrence is attributed to a design deficiency in the control power circuitry for the heating coils in the SGTS.

Analysis of Occurrence

The SGTS filters and exhausts the Reactor Building atmosphere to the stack in the event of certain accident situations in order to minimize the release of radioactive materials to the environment.

It consists of two parallel trains of filters and fans, each designed to be capable of 99% efficiency in retaining radioactive iodine and particulates that may be present in the Reactor Building during and after an accident.

The control circuitry for the heating coils receive their 115V AC power from a single source. If during an accident situation, the SGTS is called for and Diesel Generator No. 1 failed while supplying the power to the above mentioned control circuitry, the SGTS charcoal filter efficiency would be reduced.

Corrective Action

As an immediate corrective action, a temporary feed to supply a redundant source of 115V AC power will be installed.

A permanent modification to the electrical system will be installed during our present refueling outage.