



GPU Nuclear

P.O. Box 388
Forked River, New Jersey 08731
609-693-6000
Writer's Direct Dial Number:

March 23, 1983

Mr. Ronald C. Haynes, Administrator
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Dear Mr. Haynes:

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Licensee Event Report
Reportable Occurrence No. 50-219/82-53/03L-1

This letter forwards three copies of a Licensee Event Report (LER) to report Reportable Occurrence No. 50-219/82-53/03L-1 in compliance with paragraph 6.9.2.b.2 of the Technical Specifications.

Very truly yours,

Peter B. Fiedler
Vice President and Director
Oyster Creek

PBF:jal
Enclosures

cc: Director (40 copies)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Director (3)
Office of Management Information and
Program Control
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

NRC Resident Inspector
Oyster Creek Nuclear Generating Station
Forked River, NJ 08731

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OYSTER CREEK NUCLEAR GENERATING STATION
Forked River, New Jersey 08731

Licensee Event Report
Reportable Occurrence No. 50-219/82-53/03L-1

Report Date

March 23, 1983

Occurrence Date

October 22, 1982

Identification of Occurrence

While operating with one (1) idle recirculation loop, a limiting condition for operation permitted per Technical Specifications, paragraph 3.3.F.2, a second recirculation pump tripped and was idle for three (3) minutes.

This event is considered to be a reportable occurrence as defined in the Technical Specifications, paragraph 6.9.2.b.2.

Conditions Prior to Occurrence

Power: Reactor - 1003 MWt
Generator - 333 MWe
Reactor Coolant Temperature - 540°F

Four recirculating pumps were operating. Recirculation pump "D" had been shutdown at 2118 hours to accomplish a preventive maintenance brush change on the associated MG set.

Description of Occurrence

After recirculation pump "D" was removed from service in preparation for preventive maintenance on its associated MG set, recirculation pump "E" tripped at 2124 hours.

Apparent Cause of Occurrence

The apparent cause of this occurrence was deterioration of the brushes on the collector ring of the excitation unit for "E" recirculation pump's associated motor generator set.

This deterioration caused a partial, or momentary, loss of field current on "E" recirculation pump's associated generator. The resulting loss, or reduction, of field voltage in turn caused a high load current that resulted in a generator trip (Overcurrent Protective Relay).

Analysis of Occurrence

In the original LER for this occurrence it was stated that because this condition existed for less than three minutes at a relatively low power level and subsequent chemistry samples did not indicate a concern, the safety significance is considered minimal. Further investigation has confirmed this conclusion.

Corrective Action

The immediate corrective action was to restart recirculation pump "E" and return it to service. Beyond that, recirculation pump "D" was placed in service at 2153 hrs, after its brushes had been replaced.

Recirculation pump "E" was removed from service at 2208 hrs and its brushes replaced. The electrical foreman reported to Plant Engineering that one of the brushes was worn down more than the others. The commutator was cleaned and then recirculation pump "E" was returned to service at 2235 hrs.

In addition, the brush replacement intervals for all five recirculation pumps will be examined to determine whether or not the interval between replacements should be decreased.