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AUTH.NAME AUTHOR AFFILIATION

GUNTRUM, B.C. Cooper Industries, Inc.

RECIP.NAME RECIPIENT AFFILIATION

Office of Nuclear Reactor Regulation, Director (Post 870411)

SUBJECT: Amend 1 to Part 21 Rept 158 re gear-wear induced failures in engine-driven jacket water pump in DSRV-16-4 standby DG sys. Initially reported on 911029. Grand Gulf station observed wear characteristics in as little as 500 operating hours.

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TITLE: Part 21 Rept (50 DKT)

NOTES: Application for permit renewal filed. 05000400

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Cooper Energy Services

June 26, 1992

Director of Nuclear Reactor Regulations
Nuclear Regulatory Commission
Mail Station P1-137
Washington, D.C. 20555

Report #158
Amendment No. 1

Dear Sir:

On October 29, 1991 Cooper Industries notified the Commission of a potential defect in a component of a DSRV-16-4 Standby diesel Generator System. Specifically, there is a potential problem with the driven gear for the Engine-Driven Jacket Water Pump.

We noted in that letter, that gear wear induced failures had occurred at approximately 1,500 operating hours.

The purpose of this letter is to inform the Commission that one of the affected sites (ENTERGY, Grand Gulf Nuclear Station) has observed the same wear characteristics in as little as 500 operating hours.

Additionally, we identified the gear carrier assembly as part number 1A-6114. Through additional investigation, the subject gear (part number 02-425-03-AB) is also part of another gear carrier assembly, part number 1A-6664.

Our letter of October 29, 1991 identified preventative action taken as well as our recommendation for corrective action for the individual sites. This recommended action shall be applicable to assembly part number 1A-6664 as well.

A copy of this letter will be forwarded to the affected sites identified in our original notification.

Sincerely

Bruce C. Guntrum
Manager, Quality Assurance

BCG:dg 70040

cc: (see attached)

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U.S. Nuclear Regulatory Commission Report
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Attention: Mr. O.C. Olexik
Manager of Regulatory Compliance

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Attention: Jerry R. Cribb
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Cleveland Electric Illuminating
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Attention: M. Lister

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DIVISION OF THE PHYSICAL SCIENCES
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U.S. Nuclear Regulatory Commission Report
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Attention: Fred Titus
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Attention: C.R. Hutchinson
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Attention: Vice President, Nuclear Operations

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U.S. Regulatory Commission Report
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