



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

DEC 1 1995

Washington Public Power Supply System
ATTN: J. V. Parrish, Vice President
Nuclear Operations
3000 George Washington Way
P.O. Box 968, MD 1023
Richland, Washington 99352

SUBJECT: NRC INSPECTION REPORT 50-397/95-98

This refers to the inspection conducted by Mr. C. J. Paulk and Ms. L. J. Smith of this office on August 10, 1995, via telephone with personnel from the Washington Nuclear Project-2 facility. This initiative was prompted by recurring failures of safety-related steam turbine-driven standby pumps at several facilities in Region IV. We concurrently performed this inspection at most Region IV facilities to better understand the scope of design, maintenance, and testing practices related to safety-related steam turbines, which were supplied by the Terry Corporation. We also examined several aspects of various experience review processes to determine why similar failures continued to occur. On November 9, 1995, at the conclusion of the in-office review, the findings were discussed with those members of your staff identified in the enclosed report.

Areas examined during the inspection are identified in the report. Within these areas, the inspection consisted of selective examinations of procedures, representative records, and interviews with personnel. The combined results of this inspection for each of the Region IV facilities are documented in the enclosed report and executive summary.

With respect to your facility, the inspection identified conditions that have resulted in mechanical overspeed trips of safety-related steam turbine-driven standby pumps at other facilities. Specifically, your staff had not established a program for routine refurbishment of the turbine governor. We encourage you to review this condition to ensure continued reliable operation of the reactor core isolation cooling pump turbine. We also noted that the governor valve stem material in use at your plant may be susceptible to corrosion-induced sticking. At the exit interview, your staff stated that they plan to inspect the reactor core isolation cooling turbine governor valve stem during the next outage.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be placed in the NRC Public Document Room.

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Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,



Thomas P. Gwynn, Director
Division of Reactor Safety

Docket: 50-397
License: NPF-21

Enclosure:
NRC Inspection Report
50-397/95-98 w/attachments

cc w/enclosure:
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P.O. Box 968, MD 927M
Richland, Washington 99352-0968

Washington Public Power Supply System
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Richland, Washington 99352-0968

Energy Facility Site Evaluation Council
ATTN: Frederick S. Adair, Chairman
P.O. Box 43172
Olympia, Washington 98504-3172

Washington Public Power Supply System
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Washington Public Power Supply System
ATTN: P. R. Bemis, Director
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P.O. Box 968 (Mail Drop PE20)
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Washington Public Power Supply
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Benton County Board of Commissioners
ATTN: Chairman
P.O. Box 190
Prosser, Washington 99350-0190

Winston & Strawn
ATTN: M. H. Philips, Esq.
1400 L Street, N.W.
Washington, D.C. 20005-3502

Washington Public Power Supply
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-4-

E-Mail report to D. Nelson (DJN)
E-Mail report to NRR Event Tracking System (IPAS)

.bcc to DMB (IE01)

bcc distrib. by RIV:

L. J. Callan
DRSS-FIPB
Branch Chief (DRP/E, WCFO)
Senior Project Inspector (DRP/E, WCFO)
Leah Tremper (OC/LFDCB, MS: TWFN 9E10)

Resident Inspector
MIS System
RIV File
Branch Chief (DRP/TSS)
M. Hammond (PAO, WCFO)

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*by K222
for JEDyer*

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E-Mail report to D. Nelson (DJN)
E-Mail report to NRR Event Tracking System (IPAS)

bcc to DMB (IE01)

bcc distrib. by RIV:

L. J. Callan
DRSS-FIPB
Branch Chief (DRP/E, WCFO)
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by tele for J Dyer