

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
 AUTH. NAME AUTHOR AFFILIATION
 SORESEN, G. C. Washington Public Power Supply System
 RECIP. NAME RECIPIENT AFFILIATION
 ADENSAM, E. G. BWR Project Directorate 3

SUBJECT: Submits turbine-generator insp plan/schedule.

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Washington Public Power Supply System

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PDR

November 20, 1986
G02-86-1035

Docket No. 50-397

Director of Nuclear Reactor Regulation
Attn: E. G. Adensam, Project Director
BWR Project Directorate No. 3
Division of BWR Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

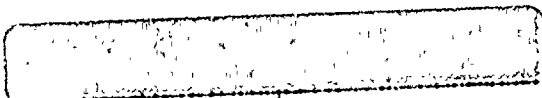
Dear Ms. Adensam:

Subject: NUCLEAR PLANT NO. 2
OPERATING LICENSE NPF-21, LICENSE
CONDITION (7) TURBINE MISSILES;
SATISFACTION OF

The subject license condition states:

"The licensee shall submit for NRC staff approval, within three years of date of issuance of this license, a turbine system maintenance program based on the manufacturer's calculations of missile generation probabilities acceptable to the NRC staff or volumetrically inspect all low pressure turbine rotors at the second refueling outage, and at every other refueling outage thereafter until a maintenance program is approved by the NRC staff."

The Supply System intends to inspect the low pressure turbine discs in accordance with the time intervals that are at least as frequent as the maximum interval developed by Westinghouse. These intervals are based on the Westinghouse report "Criteria for Low Pressure Nuclear Turbine Disc Inspection", MSTG-1-P June 1981, and topical report WSTG-1-NP, "Procedures for Estimating the Probability of Steam Turbine Disc Rupture from Stress Corrosion Cracking", May 1981.



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E. G. Adensam

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LICENSE CONDITION (7) TURBINE MISSILES; SATISFACTION OF

It should be noted that this inspection schedule and the time interval between inspections are subject to change depending on previous inspection results, existence or lack of flaws, equipment availability and inspection refinements or techniques yet to be developed. However, in all cases, the intent of the recommended inspection interval will be maintained. If significant flaws are found during an inspection, new inspection intervals will be determined in accordance with the Westinghouse methodology.

With submittal of the attached schedule, the Supply System has completed its action with respect to the subject license condition and awaits NRC staff action. Should you have any questions regarding this inspection plan, please contact Mr. P. L. Powell, Manager, WNP-2 Licensing.

Very truly yours,



G. C. Sorensen, Manager
Regulatory Programs

PLP/tmh
Attachment

cc: JO Bradfute - NRC
JB Martin - NRC RV
E Revel - BPA
NS Reynolds - BLCP&R
NRC Site Inspector

TURBINE-GENERATOR INSPECTION PLAN (TENTATIVE)

In Service 5-1984	May- June 1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
H.P TURB.				M				M				
L.P.#1 57.8			M			M			M			M
L.P.#2 55.7			M				M			M		
L.P.#3 56.3		M			M			M			M	

M: MAJOR INSPECTION, COMPLETE DISASSEMBLY AND NDE INSPECTION