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SUBJECT: Revises schedule provided in listed ref based on discovery,
 during 1987 insp, of crack in number one low pressure
 turbine.

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U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
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Gentlemen:

Subject: NUCLEAR PLANT NO 2
LOW PRESSURE TURBINE
INSPECTION SCHEDULE

Reference: Letter, G02-86-1035 GC Sorensen (SS) to EG
Adensam (NRC), "License Condition (7) Turbine
Missiles, Satisfaction of", dated 11/20/86

The reference provided a schedule for low pressure turbine inspection in satisfaction of License Condition (7) to the WNP-2 Operating License. The purpose of this letter is to revise the schedule provided in the reference based on the discovery, during the 1987 inspection, of a crack in the #1 low pressure turbine.

The attached schedule, as was the initial schedule, is 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. Since the existence of the crack in LP #1 will shorten the inspection interval required and data for determining that interval will not be available until the next inspection, no attempt has been made to show the next required inspection beyond 1990. It should be noted here that the HP turbine has been deleted from this maintenance schedule because, being an integral rotor, inspecting for disc cracking does not apply.

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LOW PRESSURE TURBINE INSPECTION SCHEDULE

Should you have any questions with regard to this revised schedule please contact Mr. P. L. Powell, Manager, WNP-2 Licensing. .

Very truly yours,



G. C. Sorensen, Manager
Regulatory Programs

PLP/bk

cc: C Eschels - EFSEC
JB Martin - NRC RV
RB Samworth - NRC
DL Williams - BPA
NRC Site Inspector - 901A

TURBINE-GENERATOR INSPECTION PLAN
(TENTATIVE) (REVISED 9/87)

In Service 5-1984	May - June 1985	April - May 1986	April - June 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
L.P. #1 31.0 (Note 1)			M			M	← NOTE 2 →						
L.P. #2 55.7			M					M					M
L.P. #3 56.3		M					M					M	

M: Major Inspection, Complete Disassembly and NDE Inspection

NOTE 1 - Crack in L.P. #1, Reduced Inspection Interval.

NOTE 2 - The Required Time Interval Between Inspections will be Developed From Crack Length Data Gathered During The 1990 Inspection.

