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SUBJECT: Submits addl info re low pressure turbine changeout/insp schedule.

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December 14, 1989
G02-89-225

Docket No. 50-397

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Gentlemen:

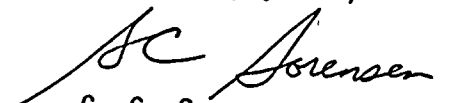
Subject: NUCLEAR PLANT NO. 2, OPERATING LICENSE NPF-21
LOW PRESSURE TURBINE CHANGEOUT/INSPECTION
SCHEDULE, ADDITIONAL INFORMATION

Reference: Letter, G02-89-210, GC Sorensen (SS) to NRC
same subject, dated November 21, 1989

The reference provided information with regard to the inspection interval for the WNP-2 #1 Low Pressure Turbine (LP #1). As requested in a phone conversation between Messrs R. Samworth and J. Tsao (NRR) and J. Parker and P. Powell (SS) on December 11, 1989, the following additional information is provided.

- The critical crack size (LP #1, Disc #1, Governor End Outlet Keyway) as calculated by Westinghouse is 2.983 inches.
- The 34.32 month inspection interval for LP #1, documented in the reference, is based on 50 percent of the amount of time for the 0.063 inch crack, discovered on LP #1 during the spring 1987 outage, to grow to one half the critical crack size.

Very truly yours,


G. C. Sorensen, Manager
Regulatory Programs

PLP/bk

cc: JB Martin - NRC Rv
NS Reynolds - BCP&R
RB Samworth - NRC
DL Williams - BPA/399
NRC Site Inspector - 901A

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