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BOUCHEY,G.D. Washington Public Power Supply System
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SCHWENCER,A. Licensing Branch 2

SUBJECT: Forwards table of scenarios verifying that cable cooling sys can maintain diesel generator cable area within 115 F limit,per NRC 820222 request.

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Docket No. 50-397

Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Schwencer:

Subject: NUCLEAR PROJECT NO. 2
WNP-2 DIESEL-GENERATOR
AREA CABLE COOLING SYSTEM

As requested during a phone conversation on February 22, 1982, between NRC staff (Messrs. R. Auluck and J. Ridgley) and Supply System personnel (Messrs. W.H. Kelso and R.M. Nelson), attached is a table of scenarios that verifies that the WNP-2 Cable Cooling Systems can maintain the Diesel-Generator Cable Area within the 115°F limit.

Very truly yours,

G. D. Bouchey
Deputy Director, Safety and Security

PLP/jca
Attachment

cc: R Auluck - NRC
WS Chin - BPA
R Feil - NRC Site
J Ridgley - NRC

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1/1

9.4.8 DIESEL-GENERATOR AREA CABLE COOLING SYSTEM

Failure combinations under which the Emergency Diesel-Generators and Cable Cooling systems will operate and the 115°F limit maintained.

Reference: Figure 9.4-7

Combination	DEA-FN-51 Normal Exhaust (Power from Offsite or Div. 1 D.G.)	DEA-FN-52 Standby Exhaust (Power from Div. 1 D.G.)	DMA-AH-51 Air Handling Unit (Power from Div. 2 D.G.)
1. Normal Offsite Power	On	Off	Off
2. Offsite Power Loss Div. 1 D.G. On	On	On	Off
3. Offsite Power Loss Div. 2 D.G. On	Off	Off	On
4. Offsite Power Loss Div. 1 D.G. & Div. 2 D. G. On	On	On	On

A failure of the Air Handling Unit fan, as indicated by the DMA-FN-51 Annunciator will require plant operations to shut down the Div. 2 D.G. in order to maintain the 115°F temperature limit in the cable corridor.