

MAY 1 1981

MEMORANDUM FOR: B. J. Youngblood, Chief
Licensing Branch, #1, DL #129

THRU: Faust Rosa, Acting Chief,
Power Systems Branch, DSI

FROM: A. R. Ungaro, Section Leader
Power Section, DSI

SUBJECT: DIESEL ENGINE COMBUSTION AIR INTAKE,
WPPSS NUCLEAR PROJECTS 1 & 4



- REFERENCES:
1. Letter from G. D. Bouchey to B. J. Youngblood,
same subject, dated February 13, 1981
 2. Letter from G. D. Bouchey to B. J. Youngblood,
same subject, dated April 3, 1981

We have reviewed the information provided with the referenced letters relative to the air intake arrangements for the diesel generators for WPPSS Nuclear Projects 1 and 4.

These two nuclear projects are independent plants separated by approximately 2500 feet. Each nuclear unit has a seismic category I diesel generator building structure housing the emergency generators. The building structure includes a common air plenum which provides building ventilation air and combustion air for the diesel generators. Separate combustion air supply ducts are used for each diesel and for building ventilation.

The diesel generator combustion air supply arrangement provided for these two projects meets the acceptance criteria in section II of SRP 9.5.8. We therefore concur with WPPSS that the system as designed for Projects 1 and 4 is acceptable.

Alfonso R. Ungaro, Section Leader
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