



Duquesne Light

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United States Nuclear Regulatory Commission
Washington, DC 20555

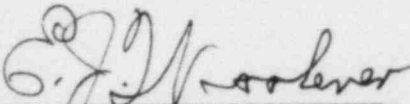
ATTENTION: Mr. George W. Knighton, Chief
Licensing Branch 3
Office of Nuclear Reactor Regulation

SUBJECT: Beaver Valley Power Station - Unit No. 2
Docket No. 50-412
Backfit L-84-15 Class 1E Power for Lighting and Communication
Systems

Gentlemen:

The attached table provides information to facilitate closure of backfit issue L-84-15 (BVPS-2). The table compares the design features of the BVPS non-safety diesel with those of the BVPS-1 emergency diesels.

DUQUESNE LIGHT COMPANY

By 
E. J. Woolever
Vice President

RW/wjs
Attachment

cc: Mr. B. K. Singh, Project Manager (w/a)
Mr. G. Walton, NRC Resident Inspector (w/a)
Mr. T. Novak, Assistant Director (w/a)

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<u>BVPS-1 Emergency Diesel</u>	<u>BVPS Non-Safety Diesel</u>
General Motors Model EMD SP 645E4B	Same as BVPS-1
20 cylinders	Same as BVPS-1
3600 BHP	Same as BVPS-1
4160 VAC rating	Same as BVPS-1
Specified and Documented Seismic Design	Not specified or documented, but similar, if not identical
ANSI B31.1 piping with limited ASME III piping upgrade	ANSI B31.1 piping
QA Category I	QA Category II

Notes:

- ° Design bases for auxiliary support systems are identical in function (i.e., capacities, pipe sizes, heated oil systems, etc.) for both BVPS-1 Emergency and BVPS Non-Safety Diesels.
- ° A defense in depth concept is used for lighting and communications power sources. Power is available from the BVPS-2 main unit, numerous offsite sources to the switchyard, 125 volt DC sources, 8 hour battery packs, and a diesel generator.