

MAY 30 1979



MEMORANDUM FOR: A. Schwencer, Chief, Operating Reactors Branch #1,
Division of Operating Reactors

FROM: G. Lainas, Chief, Plant Systems Branch, Division
of Operating Reactors

SUBJECT: ENVIRONMENTAL QUALIFICATION OF SAFETY RELATED CABLE -
SURRY POWER STATION, UNITS 1 AND 2, (TAC 07765 AND
08358)

Plant Name: Surry Units 1 and 2
License No.: DPR-32, DPR-37
Docket No.: 50-280, 50-281
Responsible Branch: ORB #1
Reviewing Branch: Plant Systems Branch
Reviewing Status: Complete

Virginia Electric and Power Company (VEPCO) by letter dated September 29, 1978, submitted its proposed testing program regarding environmental qualification of certain Continental Instrument Cable in use at Surry Power Station, Units 1 and 2. By letter dated October 18, 1978, the Nuclear Regulatory Commission informed VEPCO that the testing program was found acceptable. The licensee by letter dated December 15, 1978, submitted the test report of the environmental qualification test run in accordance with the test procedure. By letter dated May 3, 1979, the licensee submitted certain additional information on the test report.

The Plant Systems Branch has reviewed the test results submitted by the licensee. Based on our review, we have concluded that the Continental Instrumentation Cables in use at Surry Power Station, Units 1 and 2, can perform the required function before, during and following specified abnormal environmental conditions. The details of our review are provided in the enclosed report.

G. Lainas, Chief
Plant Systems Branch
Division of Operating Reactors

Contact:
M. Chiramal, X28077

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OFFICE	Enclosure and cc:	DOR:PSB	DOR:SL/PSB	DOR:C?PSB		
SURNAME	See next page	MChiramal	DTondi	GLainas		
DATE		5/24/79	5/29/79	5/29/79		

Central



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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A. Tondi for
G. Lainas, Chief
Plant Systems Branch
Division of Operating Reactors

Contact:
M. Chiramal, X28077

Enclosure and cc:
See next page

Enclosure:
Safety Evaluation Report

cc w/enclosure:
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R. Satterfield
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PSB Section A