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50-323 Diablo Canyon Nuclear Power Plant, Unit 2, Pacific Ga 05000323
AUTH.NAME AUTHOR AFFILIATION
CRANE,P.A. Pacific Gas & Electric Co.
RECIP.NAME RECIPIENT AFFILIATION
EISENHUT,D.G. Division of Licensing

SUBJECT: Provides info on environ qualification of safety-related equipment per 801001 request.Description of valve flow monitor sys & power supply cable presented in detail.

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December 1, 1980

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Mr. Darrell G. Eisenhut, Director
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Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Re: Docket No. 50-275
Docket No. 50-323
Diablo Canyon Units 1 and 2

Dear Mr. Eisenhut:

This letter responds to your letter of October 1, 1980, requesting information on environmental qualification of safety-related equipment. PGandE has scheduled two tests which are to take place within the next two years. We are including for each test the information you requested.

1. Test of Valve Flow Monitor System.

<u>Equipment description</u>

Valve flow monitor system (in-containment portion), includes:

- o Accelerometer-Model 2273A, manufactured by Endevco.
- o Charge Converter-Model 500, manufactured by Technology for Energy Corporation.
- o Cable Assembly, manufactured by Technology for Energy Corporation.

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System where equipment installed

Pressurizer safety valve discharge, Diablo Canyon Units 1 and 2.

Test location and schedule

Location - performed and coordinated by Technology for Energy Corporation, Knoxville, Tennessee.

Schedule - in progress, with completion expected in December 1980.

Licensee contact

Thomas N. Crawford, PGandE, San Francisco, California, (415) 781-4211, Ext. 3814.

2. Test of Power Supply Cable.

Equipment description

500 MCM copper cable, single conductor, 600 volt, with silicon glass braid/Kapton insulation and Hypalon jacket manufactured by Boston Insulated Wire and Cable Company.

System where equipment installed

Containment fan cooler power supply, Diablo Canyon Units 1 and 2.

Test location and schedule

Location - Franklin Institute Research Laboratory, Philadelphia, Pennsylvania.

Schedule - tentatively set for mid-year 1981.

Licensee contact

Wallace Vahlstrom, PGandE, San Francisco, California, (415) 781-4211, Ext. 2862.

Very truly yours,

Philip A. Crane, Jr.

cc: R. H. Engelken, NRC Region V