

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8207300181 DOC. DATE: 82/07/27 NOTARIZED: NO DOCKET #
 FACIL: 50-275 Diablo Canyon Nuclear Power Plant, Unit 1, Pacific Gas 05000275
 AUTH. NAME AUTHOR AFFILIATION
 COOPER, W.E. Teledyne Engineering Services
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H.R. Office of Nuclear Reactor Regulation, Director
 ENGELKEN, R.H. Region 5, Office of Director
 MANEATIS, G.A. Pacific Gas & Electric Co.

SUBJECT: Forwards semimonthly status rept for independent design verification program for Jul 1982.

DISTRIBUTION CODE: D013S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 6+57
 TITLE: Diablo Canyon (50-275) Independent Design Verification Program

NOTES: J Hanchett 1cy PDR Documents.

05000275

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	A/D LICENSNG	1 0	LIC BR #3 BC	1 0
	LIC BR #3 LA	1 0	BUCKLEY, B. 06	1 1
INTERNAL:	ELD/HDS1	1 0	IE FILE 07	1 1
	IE/DEP EPDS 10	1 1	IE/DEP/EPLB 11	1 1
	MPA	1 0	NRR/DE/CEB 12	1 1
	NRR/DE/EQB 13	1 1	NRR/DE/GB 14	1 1
	NRR/DE/MEB 15	1 1	NRR/DE/GAB 16	1 1
	NRR/DE/SEB 17	1 1	NRR/DSI/ASB 18	1 1
	<u>REG FILE</u> 04	1 1	RGNS 08	2 2
	SCHIERLING, H 01	1 1		
EXTERNAL:	ACRS 19	16 16	FEMA-REP DIV	1 1
	LPDR 03	2 2	NRC PDR 02	1 1
	NSIC 05	1 1	NTIS	1 1

NOTES: Add: 1 1
 H. Schierling 41cys

TOTAL NUMBER OF COPIES REQUIRED: LTR 84 ENCL 79

THE
OFFICE
OF THE
SECRETARY
OF THE
NAVY
WASHINGTON, D. C.

MEMORANDUM FOR THE SECRETARY OF THE NAVY
SUBJECT: [Illegible]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

 **TELEDYNE
ENGINEERING SERVICES**

130 SECOND AVENUE

WALTHAM, MASSACHUSETTS 02254

(617) 890-3350 TWX (710) 324-7580

July 27, 1982
5511-77

Mr. G. A. Maneatis, Senior Vice-President
Facilities Development
Pacific Gas and Electric Co.
77 Beale Street
San Francisco, California 94106

Mr. H. R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. R. H. Engelken, Regional Administrator
Region V
U. S. Nuclear Regulatory Commission
1450 Maria Lane, Suite 210
Walnut Creek, California 94596

Re: Docket No. 50-275
Diablo Canyon Unit 1
License No. DPR-76

Subject: DCNPP Independent Design Verification Program, Semimonthly
Status Report for July 1982

Gentlemen:

Enclosed is our semimonthly status report as Program Manager for the DCNPP
Independent Design Verification Program.

Very truly yours,

TELEDYNE ENGINEERING SERVICES

W.E. Cooper, for

William E. Cooper
Project Manager

WEC/kr

Enclosure

cc: H. E. Schierling (NRC)(2)
R. R. Fray (PG&E)
R. L. Cloud (RLCA)
R. F. Reedy (RFR)
F. Sestak (SWEC)
H. B. Brown, Esq.
D. F. Fleischaker, Esq.
J. Reynolds, Esq.
B. Norton, Esq.
A. C. Gehr, Esq.

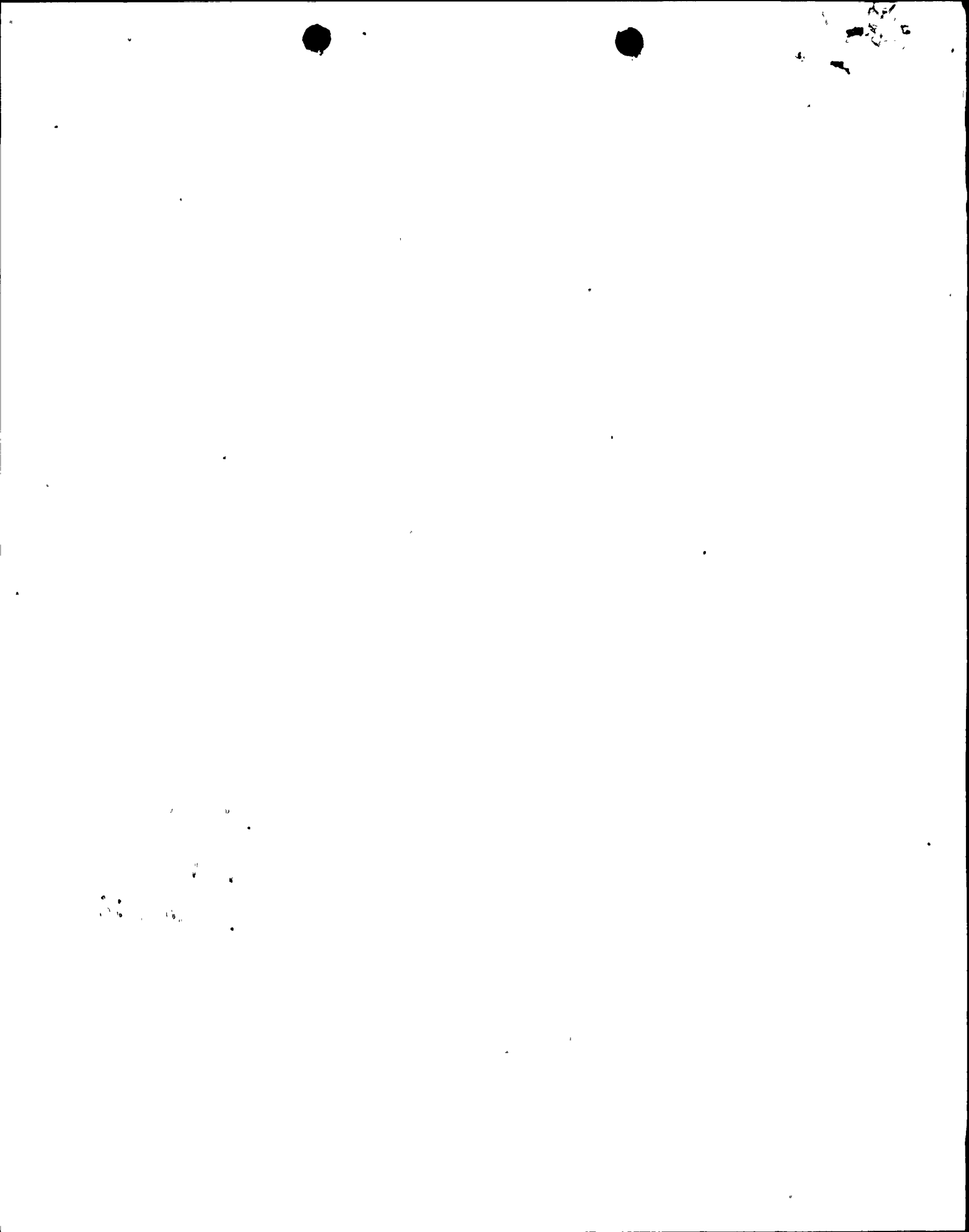
8207300181 820727
PDR ADOCK 05000275
R PDR

ENGINEERS AND METALLURGISTS

DO13

ADD:
H. Schierling

41 cys



- Transmittal - Please Sign and Return Acknowledgement
- Request for Information (RFI)
When Requested Assign Control Number
- Receipt (TES Use Only)

Page 1 of 1

Control No. _____

Originator W. E. Cooper Transmit To: Mr. H. E. Schierling
 Project No. 5511 Office of Nuclear Reactor Regulation
 Date 7/27/82 U. S. Nuclear Regulatory Commission
 Client PO 5-2-82 7920 Norfolk Ave.
 Transmitted Under Separate Cover To: N/A Bethesda, MD 20114

NOTE: Furnish complete identification for items transmitted (below).

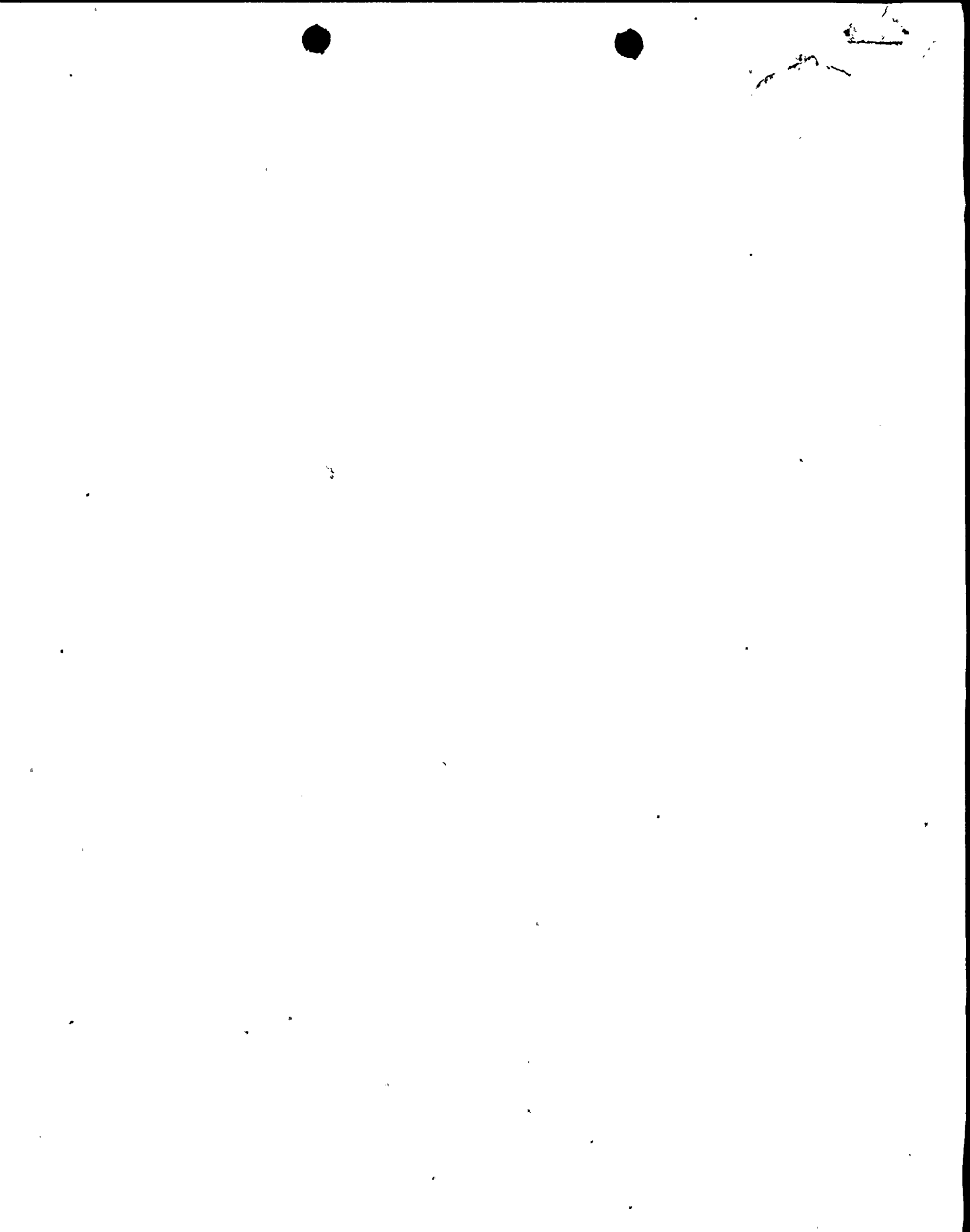
QTY	TYPE	ITEM IDENT NO.	REV	DESCRIPTION - Title and Number of Sheets/Pages	RECD
1	Ltr.	5511-77			
2	Rpt.			DCNPP IDVP July 1982 Semimonthly Report	
2	Rpt.			Program Resolution Reports: File Nos. 1013,1049	
2	Rpt.			IDVP Completion Reports: File Nos. 1013,1049	

ACKNOWLEDGEMENT OF RECEIPT BY H. Schierling TITLE Proj. Mgr DATE 7/28/82

DISPOSITION FOR PREVIOUS REVISIONS
 Return to TES Mark Void Destroy Uncontrolled

NOTE TO ADDRESSEE: Unless stated otherwise the listed items are furnished to you as Controlled Documents. Please sign and return the number 2 copy to:

TELEDYNE ENGINEERING SERVICES
 130 Second Avenue
 Waltham, Massachusetts 02254
 Attention: Document Control, Project 5511



File No. 1049

File Revision No. 9

IDVP COMPLETION REPORT

The DCNPP Independent Design Verification Program (IDVP) effort related to the above File Number is complete.

1. The action which completes the IDVP effort is:

File Revision No. 8 is a Program Resolution Report which recategorized this item as a Closed Item.

The IDVP has been informed by PG&E that no physical modifications will be applied by PG&E in response to File Revision No. , which recategorized this item as either a Deviation or as a Class C or Class D Error. The PG&E document so informing the IDVP is

2. Signature: N.E. Coyne 820723
Approved/Program Manager

VELEDYNE ENGINEERING SERVICES
CONTROLLED
DOCUMENT

DES PROJ. NO. 5511
DATE July 27, 1982

.2...8207300181



1. Resolution of an: Open Item: Class _____ Error
2. Independent Design Verification Program Resolution is as:
 - a. Closed Item
 - b. Deviation
 - c. Open Item with future action by PG&E: Task _____
3. Date Reported to PG&E 820723
4. Scheduled for TES Semimonthly Report No. AUGUST
5. Resolution based on the following documentation:

P 105-4-441-007 URS/Blume Auxiliary Building Report 1979
 P 105-4-591.5-035 RLCA Field Notes.

EOI 1049 Revision 5: The Unit I main annunciator typewriter was seismically tested using auxiliary building spectra for 104 ft. elevation, but is actually in the control room. The control room spectra, generated by a FEM, is generally higher than the Aux. Bldg. 140 ft. spectra. The URS/Blume report states that the control room spectra were generated using input for the walls and columns. Since the Unit I typewriter is located above the K line column, the 140 ft. spectra is applicable to the typewriter. The Unit II typewriter is not so qualified and it must be shown not to be necessary for Unit I safety-related functions.

P 105-4-1049-014 PG&E Response: The Unit II Typewriter is not required for Unit I safe shutdown.

6. Program Resolution is:

EOI 1049 is therefore CLOSED, however as noted in the ITR on Additional Verification and Additional Sampling Revision 0 a concern remains regarding test procedure inputs (including field location).

TELEDYNE ENGINEERING SERVICES
 CONTROLLED
 DOCUMENT

ITES PROJ. NO. 5511

DATE July 27, 1982

7. Potential Program Resolution Report signed by E. Denison / RLCA on 820723
Type Name / Organization Date
8. Signature: Z/SC 820723 (Approved/Program Manager)



200
100

File No. 1013
File Revision No. 7

IDVP COMPLETION REPORT

The DCNPP Independent Design Verification Program (IDVP) effort related to the above File Number is complete.

1. The action which completes the IDVP effort is:

File Revision No. 6 is a Program Resolution Report which recategorized this item as a Closed Item.

The IDVP has been informed by PG&E that no physical modifications will be applied by PG&E in response to File Revision No. _____, which recategorized this item as either a Deviation or as a Class C or Class D Error. The PG&E document so informing the IDVP is _____

2. Signature: W. E. Coyne 820723
Approved/Program Manager

TELEDYNE ENGINEERING SERVICES
CONTROLLED
DOCUMENT

TES PROJ. NO. 5511
DATE July 27, 1982



1942-1943

1942

1943

PROGRAM RESOLUTION REPORT

File No. 1013

File Revision No. 6

1. Resolution of an: Open Item: Class _____ Error _____
2. Independent Design Verification Program Resolution is as:
 - a. Closed Item
 - b. Deviation
 - c. Open Item with future action by PG&E: Task _____
3. Date Reported to PG&E 820723
4. Scheduled for TES Semimonthly Report, No: AUGUST
5. Resolution based on the following documentation:

E OI 1013 Revision 3: The target test spectra and the SSE test response spectra taken from the test table used to qualify the Group VI Electrical Equipment did not envelop the required Hosgri spectra.

A sine sweep resonance test showed the equipment to have all resonant frequencies above 29 Hertz

The SSE test response taken from the test table completely envelopes the required Hosgri spectra above 15 Hertz. Since the SSE test response spectra completely envelopes the required Hosgri spectra at all equipment resonant frequencies, TES judges this test adequate to qualify the equipment.

P 105-4-1013-013 PG&E Completion Package: PG&E considers the equipment to be qualified and no modifications are required.

6. Program Resolution is: _____

CLOSED ITEM

TELEDYNE ENGINEERING SERVICES
CONTROLLED
DOCUMENT

TES PROJ. NO. 8511

DATE July 27, 1982

7. Potential Program Resolution Report signed by E. Denison / RLCA on 820723
Type Name/Organization Date
8. Signature: NE Cox 820723 (Approved/Program Manager)

4
5



1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030
2031
2032
2033
2034
2035
2036
2037
2038
2039
2040
2041
2042
2043
2044
2045
2046
2047
2048
2049
2050
2051
2052
2053
2054
2055
2056
2057
2058
2059
2060
2061
2062
2063
2064
2065
2066
2067
2068
2069
2070
2071
2072
2073
2074
2075
2076
2077
2078
2079
2080
2081
2082
2083
2084
2085
2086
2087
2088
2089
2090
2091
2092
2093
2094
2095
2096
2097
2098
2099
2100

