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 ENGELKEN, R. H. Region 5, Office of Director
 MANEATIS, G. A. Pacific Gas & Electric Co.

SUBJECT: Forwards 12th semimonthly status rept for independent design verification program for 820409-21. Priority given to review of 147 open item files established by R Cloud associates. Prior to 820325. *SBG Rpt*

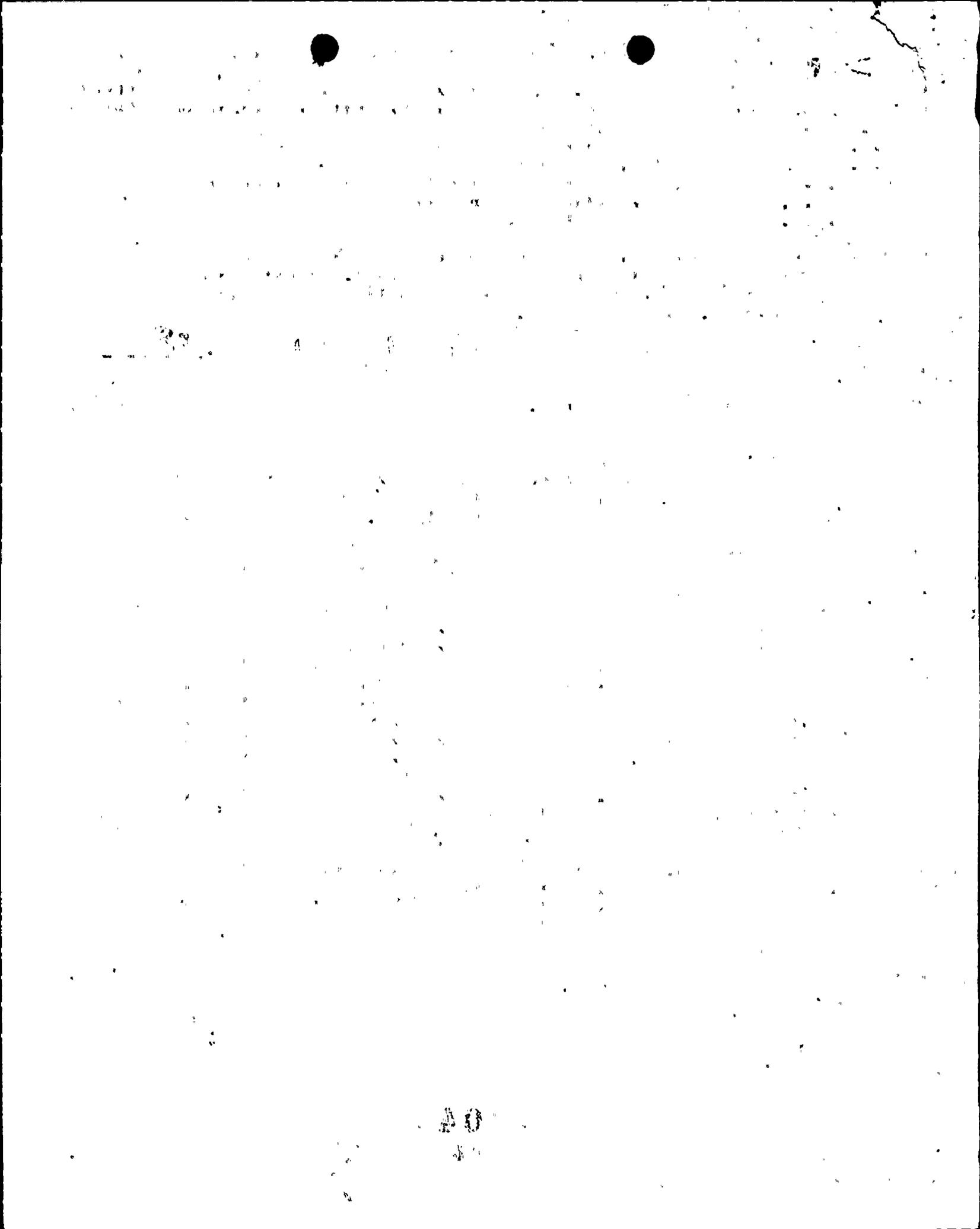
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April 23, 1982
5511-31

UNCONTROLLED DOCUMENT

Mr. G. A. Maneatis, Senior Vice-President,
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77 Beale Street
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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
Office of Inspection and Enforcement, 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, Twelfth Semi-
monthly Status Report for April 9, 1982 through April 21, 1982

Gentlemen:

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

Priority is being given to the review of the 147 Open Item Files estab-
lished by RLCA prior to March 25, 1982. The TES review status is given by
the attached table. Of the 147, 54 are Open Items, 25 are still being
reviewed by TES, and TES review is complete on 68.

Very truly yours,

TELEDYNE ENGINEERING SERVICES



Ronald Wray
Acting Project Manager

RW/lh

Enclosure

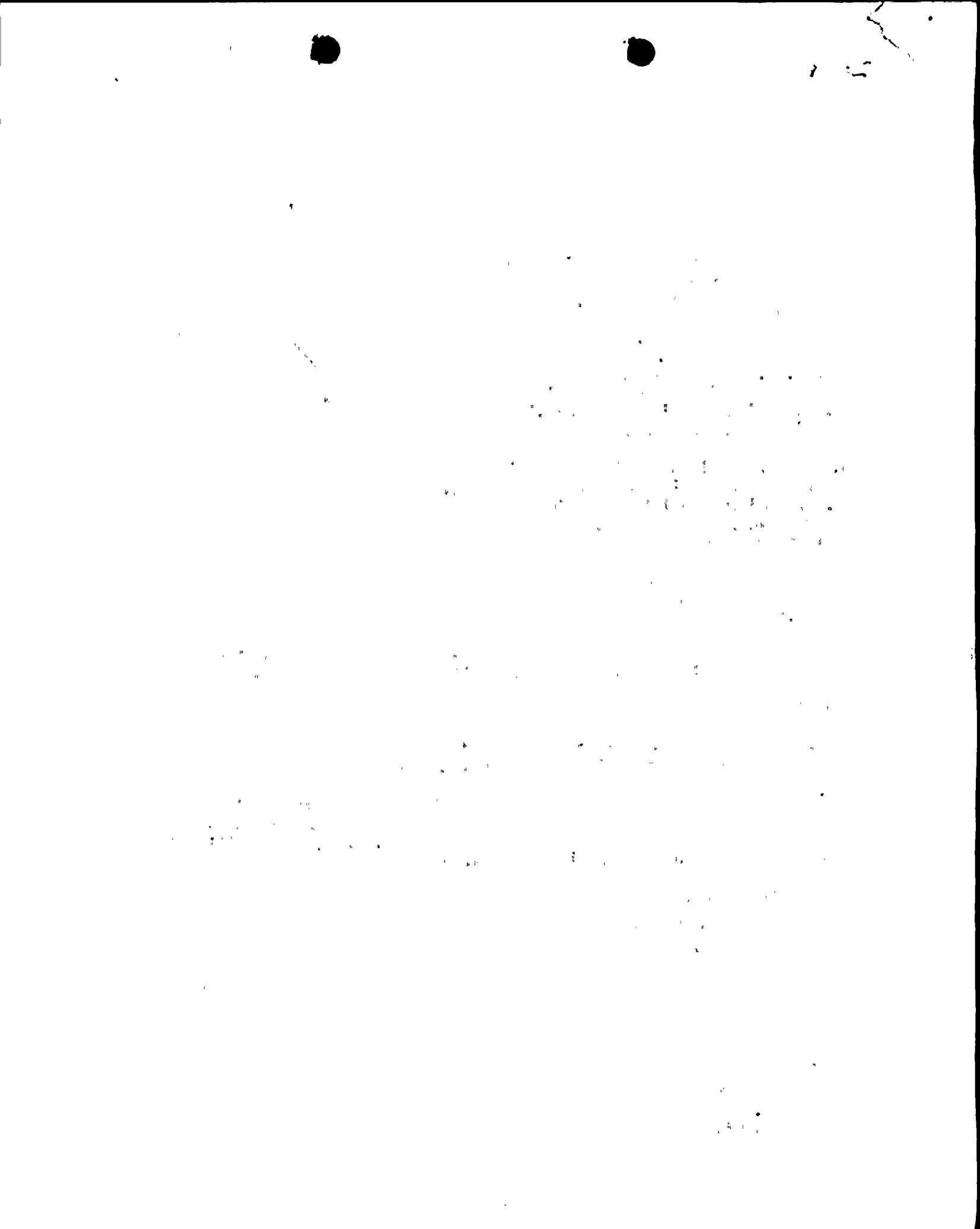
cc: H. Schierling (NRC)
R. R. Fray (PG&E)
R. L. Cloud (RLCA)
R. F. Reedy (RFR)
F. Sestak (SWEC)

820429 0339

ENGINEERS AND METALLURGISTS



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5
1/1



TES Review of Files Established Before March 25, 1982

Open Items: 74

(Including 12 QA Findings and 8 Open Items discussed in Section 1.3.3a(2) of the enclosed Twelfth Semimonthly Report)

Potential Program Resolution as:

Closed Item	
Transfer to PG&E	3
Deviation	

Program Resolution as:

Closed Item (are also IDVP completion)	(13)
Transfer to PG&E	14
Deviation	14

Potential Error, Class:

A	1
B	
C	1
D	

Error, Class:

A	3
B	1
C	3
D	

IDVP Completion: 33

Total: 147

10/13

TES SEMIMONTHLY REPORT

IDVP-TES-SM-12

Period: April 9, 1982 through April 21, 1982

UNCONTROLLED
DOCUMENT

1.0 PHASE I

1.1 Program Management Plan

The following additional Errata have been identified and will be included in the next revision of the applicable document:

<u>Location</u>	<u>Errata</u>
Page 3, Line 15	Change "safetly" to "safety"
Page 4, Line 7	Change "responsibilites" to "responsibilities"
Page 4, Line 10	Change "when" to "where"
Page 8, Line 18	Change "deaign" to "design"
Page 16, Line 13	Change "dsicrepancy" to "discrepancy"
Page 17, Line 16	Change "rood" to "root"
Page 18, Line 15	Insert "of" as the third word
Page 33, Line 5	Change "abailable" to "available"

1.2 Program Procedures (DCNPP-IDVP-PP-XXX)

1.2.1 Issued

None during this report period.

1.2.2 Identified

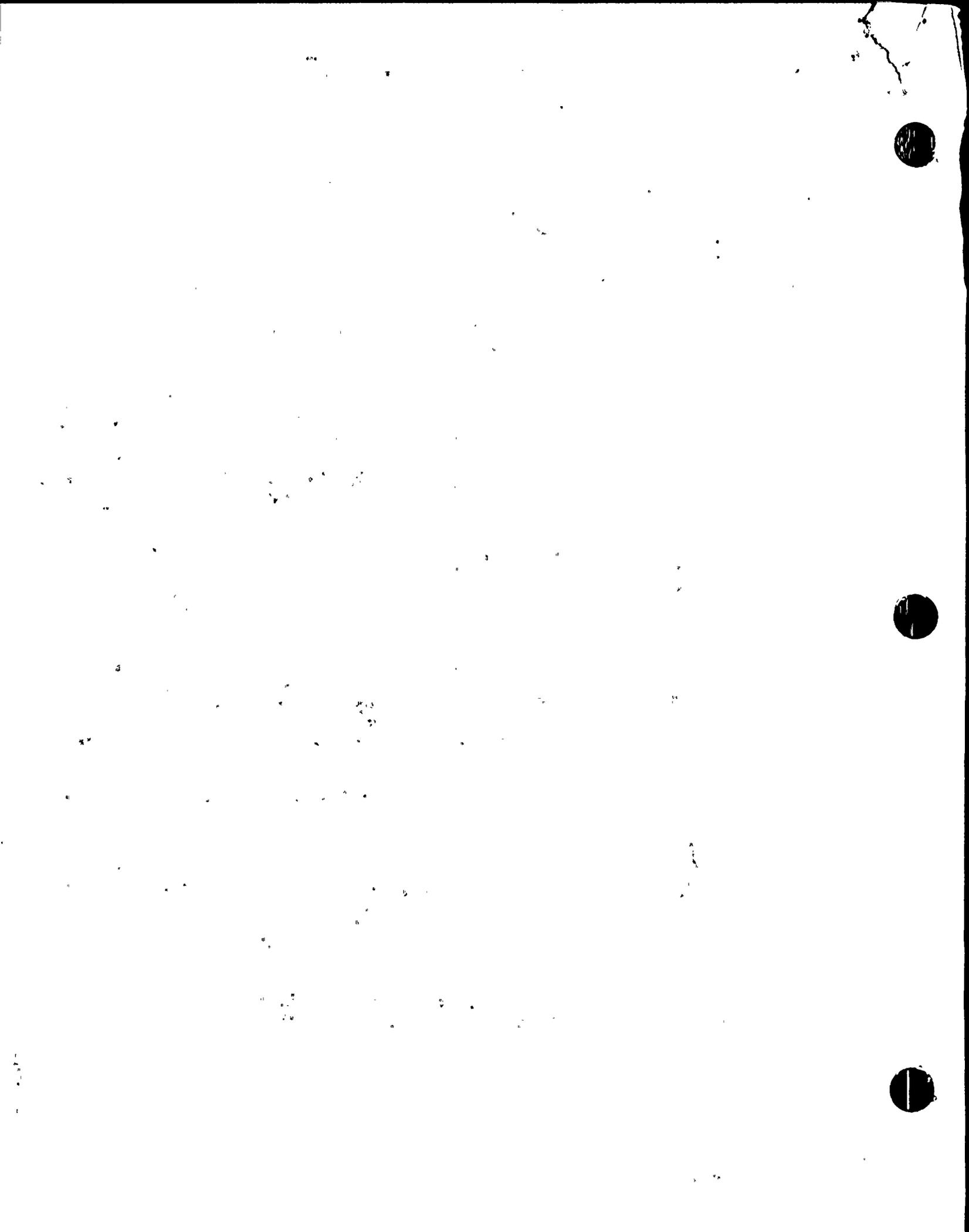
No change in status.

1.3 Reports

Copies of the executed report forms are appended in sequence of File Number.

1.3.1 Open Item Reports

a. TES has not issued any new Open Item Reports during this report period.



- b. TES has reopened Files 932 and 1002 in consideration of PG&E's response to the classification by RLCA, and TES concurrence, as Error A and Error B, respectively.
- c. TES review of previous QA Finding Reports continues. There are 12 such reports:

968, 969, 970, 1040, 1041, 1042, 1052, 1064, 1065, 1066, 1067, 1068

Appropriate Open Item Reports will be issued following TES acceptance of the corresponding QA Audit and Review Reports, see 1.5.3.

- d. TES review of RLCA Open Items issued prior to March 25, 1982 continues. There are 74 such reports; 54 are in the following, 12 in 1.3.1c and 8 in 1.3.3a(2).

933, 937, 938, 939, 940, 942, 943, 945, 950, 953, 954, 956, 957, 958, 959, 961, 962, 963, 964, 965, 981, 982, 984, 988, 989, 990, 991, 992, 993, 996, 1003, 1013, 1016, 1018, 1021, 1024, 1030, 1032, 1048, 1049, 1050, 1051, 1056, 1058, 1059, 1060, 1061, 1062, 1063, 1070, 1071, 1072, 1073, 1074

Two Files (1004 and 1031) included in this listing in IDVP-TES-SM-11 should not have been included as Open Items. Six Files (933, 950, 1013, 1049, 1061, 1071) have been included here which had previously been identified as Potential Open Items for transfer to PG&E. However, in each case, PG&E has made information available to RLCA.

- e. Two items (1075 and 1077) have been opened since the last semi-monthly.

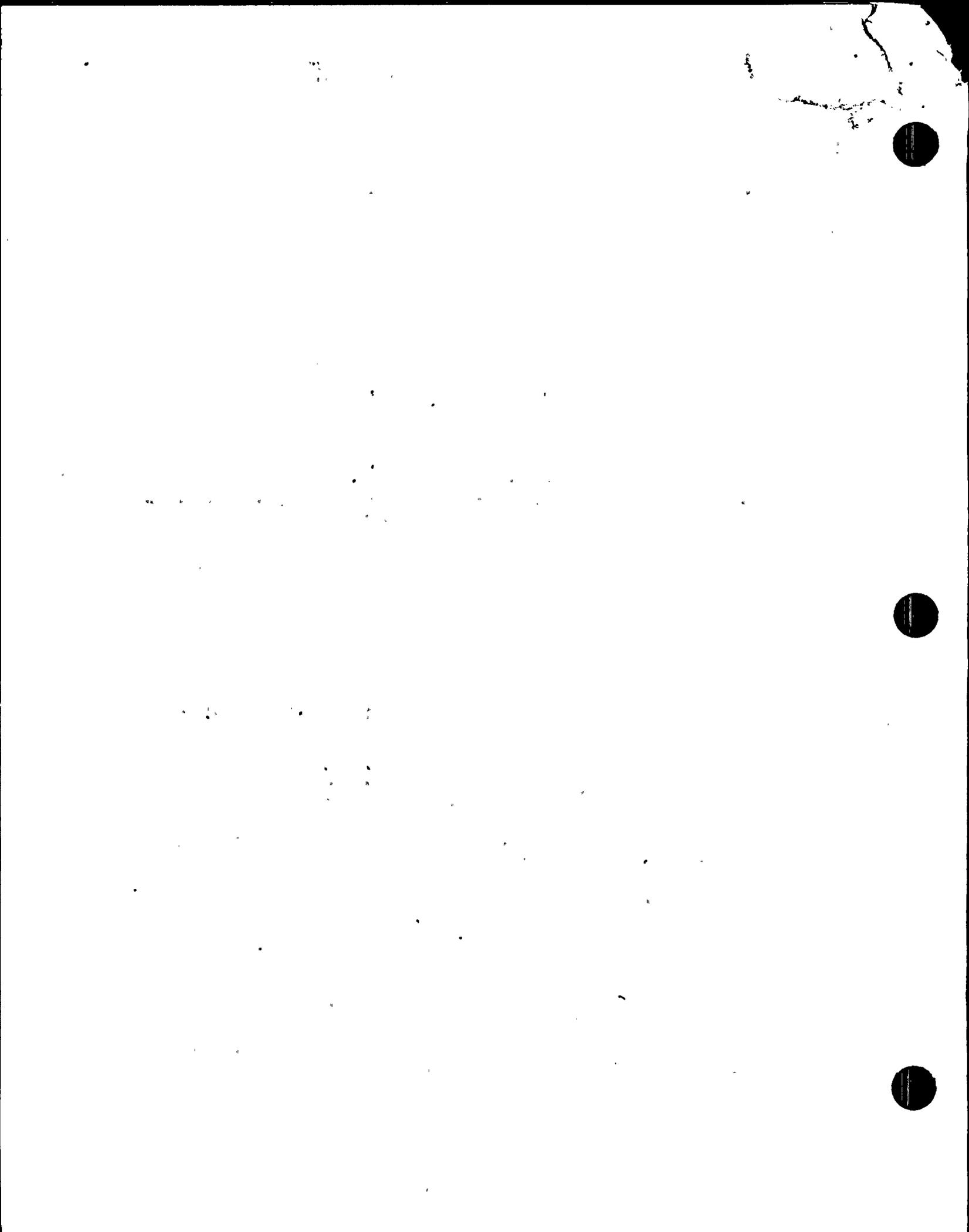
1.3.2 Error Reports

- a. Error Reports were issued during this report period indicating concurrence with RLCA for:

932, 946, 947, 949, 983, 1002, 1017

- b. Previous RLCA Error Reports are now considered to be Potential Error Reports. TES review of these continues. There are 2 such reports, with the error class given in parenthesis:

978(A), 1008(C)



Eight Files have been removed from this list since the 11th TES semimonthly:

File 932: Error A, see 1.3.1b and 1.3.2a
File 946: Error C, see 1.3.2a and 1.3.4c
File 947: Error C, see 1.3.2a and 1.3.4c
File 949: Error A or B, see 1.3.2a
File 983: Error A, see 1.3.2a
File 1002: Error B, see 1.3.1b and 1.3.2a
File 1015: RLCA Rev. 1 made Closed Item, see 1.3.4a
File 1017: Error C, see 1.3.2a

1.3.3 Program Resolution Reports

a. Open Item Responsibility Transferred to PG&E

29 such Files were identified in IDVP-TES-SM-11, but File 1004, which was identified then as an Open Item should have been included. Also, Revision 2 to File 1031 recategorized this from closed to transferred. A total of 25 Files remain in this category, in two groups:

- (1) RLCA has identified 3 such Deviations with which PG&E objects:

986, 1045, 1047

The PG&E comments will be considered in the continued TES review of these files.

The remaining 14 such Files have been transferred to PG&E by Program Resolution Reports, with copies attached to this Semimonthly Report. These are:

920, 967, 1004, 1009, 1010, 1014, 1023, 1025, 1026, 1028, 1031, 1043, 1044, 1046

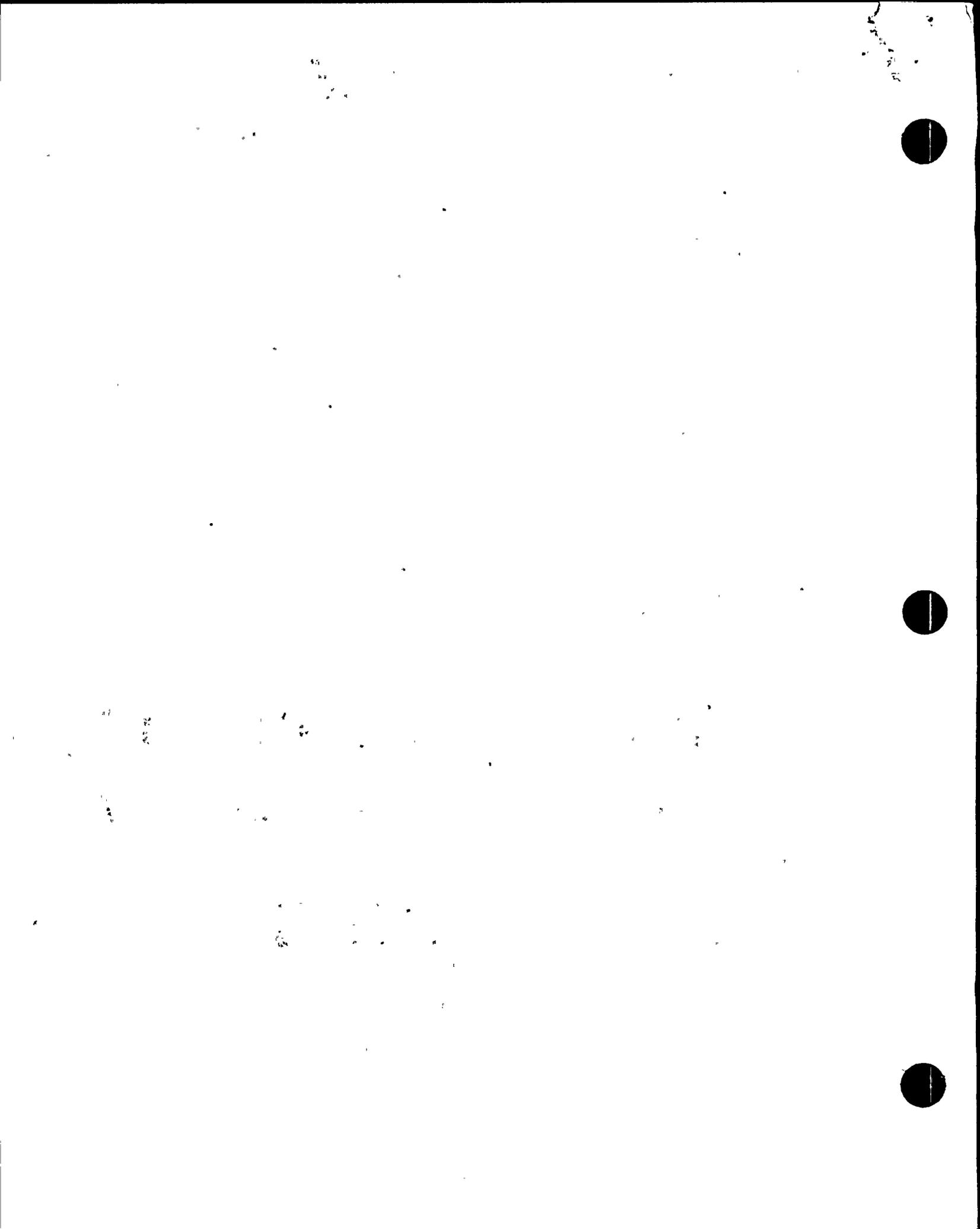
The PG&E comments to RLCA were considered by TES with respect to 1004, 1043 and 1044.

- (2) The 11th PG&E Semimonthly identifies 8 RLCA Open Items with action required by PG&E rather than RLCA:

910, 930, 977, 1022, 1027, 1029, 1054, 1069

TES continues to review these files to see if they should be Open Items Transferred to PG&E.

- (3) The remaining 6 such Files have been included in 1.3.1d.



b. Deviations

- (1) None issued by TES during this report period.
- (2) RLCA has issued File 1076, Rev. 1, as a Potential Program Resolution Report Deviation. TES concurs with this recommendation, and an appropriate report is enclosed.
- (3) TES concurs with RLCA that Files 931, 934, 936, 941, 944, 948, 951, 952, 960, 966, 1011, 1020, 1053 and 1055 are Deviations, and encloses the appropriate reports.

c. Closed Item

None during this report period.

1.3.4 IDVP Completion Reports

a. RLCA Final Resolution Report as a Closed Item

TES has issued the attached 13 IDVP Program Completion Reports indicating concurrence with the RLCA categorization:

976, 979, 980, 985, 987, 1000, 1001, 1005, 1006, 1007, 1012, 1015, 1057

b. RLCA Final Resolution Report as a Deviation

TES is prepared to issued IDVP Completion Reports on the following Files when informed by PG&E that physical modifications will not be applied in response to each file: The 14 Files are:

931, 934, 936, 941, 944, 948, 951, 952, 960, 966, 1011, 1020, 1053, 1055

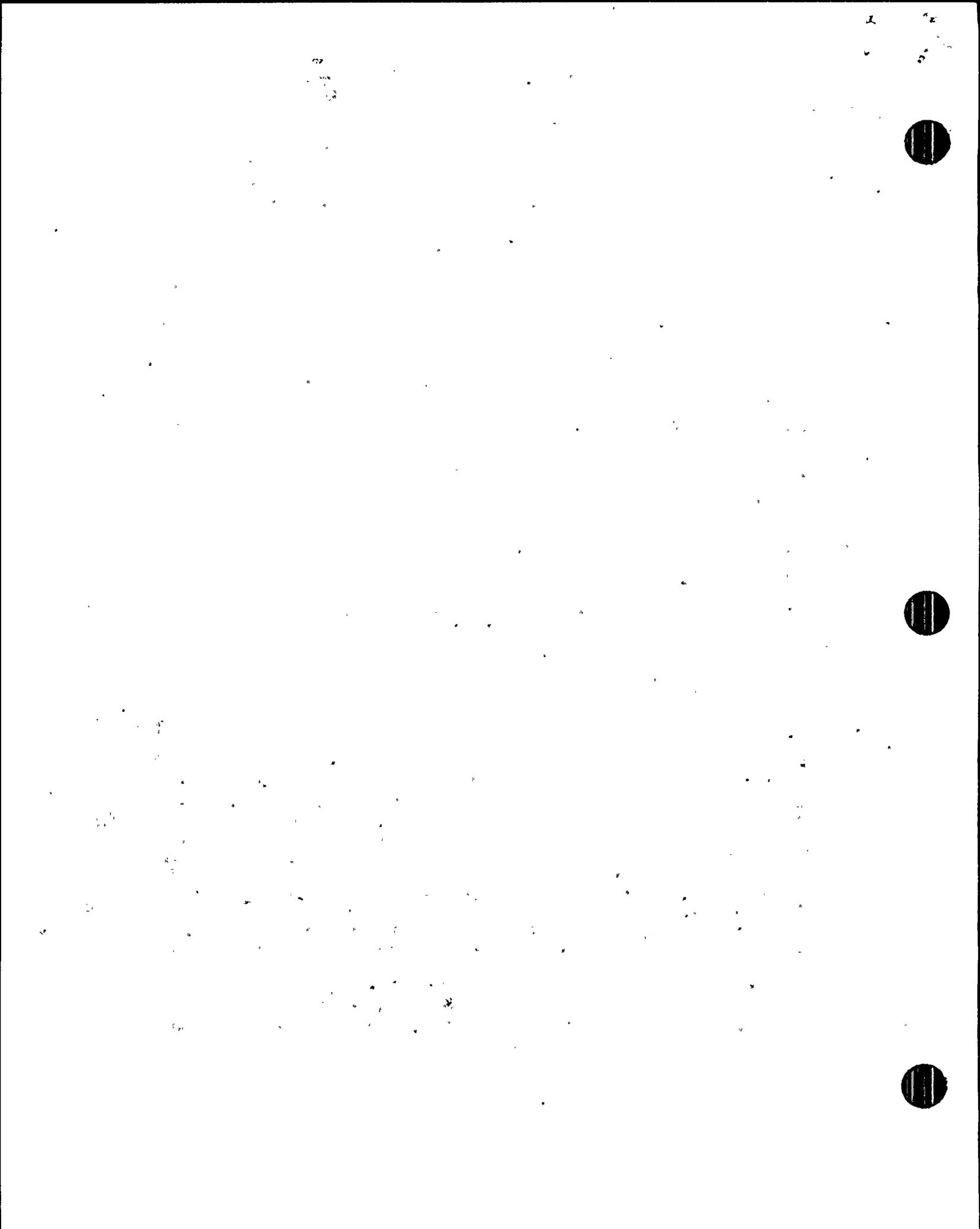
c. Class C or Class D Error Reports

The IDVP procedure permits issuance of an IDVP Completion Report when PG&E informs TES in writing that physical modifications will not be applied to each File. TES is prepared to issue such reports when so informed by PG&E for:

946, 947

1.3.5 Interim Technical Reports

None issued during this report period.



1.3.6 Phase I Report

Preparation of this report has not yet been started

1.4 Comments on Previously Issued Semimonthly Reports

1.4.1 By TES

No comments at this time.

1.4.2 By PG&E

No comments at this time.

1.4.3 By RLCA

No comments at this time.

1.4.4 By RFR

No comments at this time.

1.5 Status of IDVP Program Management Efforts

1.5.1 TES Related

No change in status during this period.

1.5.2 RLCA Related

A TES technical team met at the RLCA offices on April 14, 15 and 16, 1982 to continue review and evaluation of the RLCA verification effort. The areas of review included the seismic design chain, pipe sample analyses, pump and valve analyses, and equipment qualified by test. A second TES team met at RLCA's offices on April 20 and 21, 1982 to review the analyses performed for electrical equipment, tanks, heat exchangers, and equipment supports. As a result of these meetings, TES was able to reach a resolution on many of the Open Item Files established by RLCA prior to March 25, 1982. During this reporting period, TES accompanied RLCA engineers on one field trip to inspect piping and equipment supports.

TES has initiated a review of the RLCA findings and recommendations for additional verification efforts which are outlined in the RLCA 9th through 11th Semimonthly Progress Reports. From this, the necessary additional verification tasks for the Independent Program will be determined.



1.5.3 RFR Related

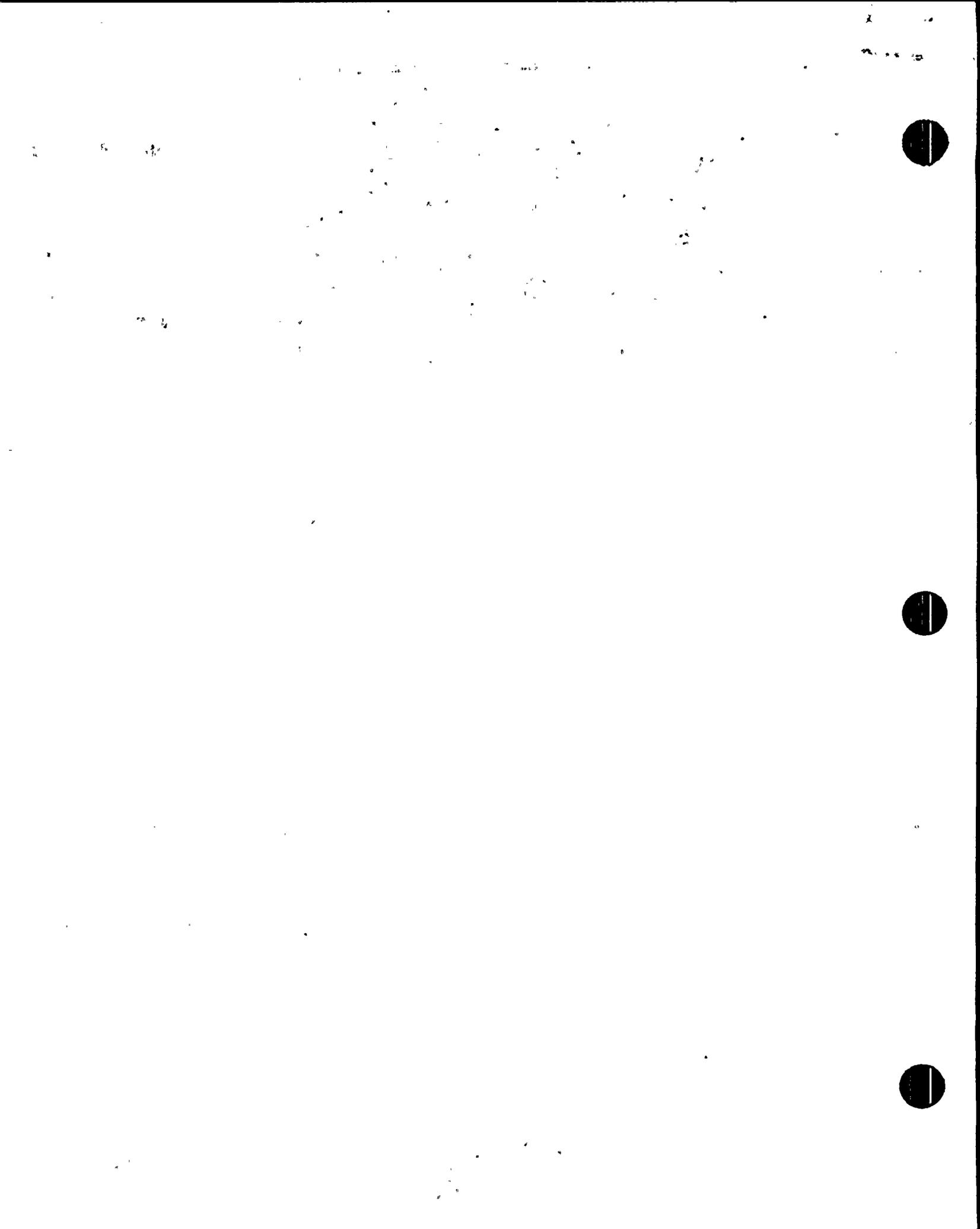
TES audit team has performed the required formal audit of the Phase I QA audits, conducted by R. F. Reedy, Inc. This audit was performed during the week of April 12, 1982 and TES is in the process of evaluating the results for its final report.

2.0 PHASE II

2.1 Program Plan

Preparation continues on a consolidated Phase II Plan, containing Phase II IDVP Program Management Plan and a Phase II Engineering Program Plan. A first draft of both documents will be issued to IDVP participants (TES, SWEC, RLCA and RFR) at approximately the end of this report period. This particular draft will not fully reflect the discussions on April 14-15, 1982 between TES, SWEC, PG&E, BPC and W for the primary purpose of clarifying PG&E-W interfaces during the design process.

It is now expected that the Plan will be submitted to the NRC in the second week of May.



PROGRAM RESOLUTION REPORT

File No. 920

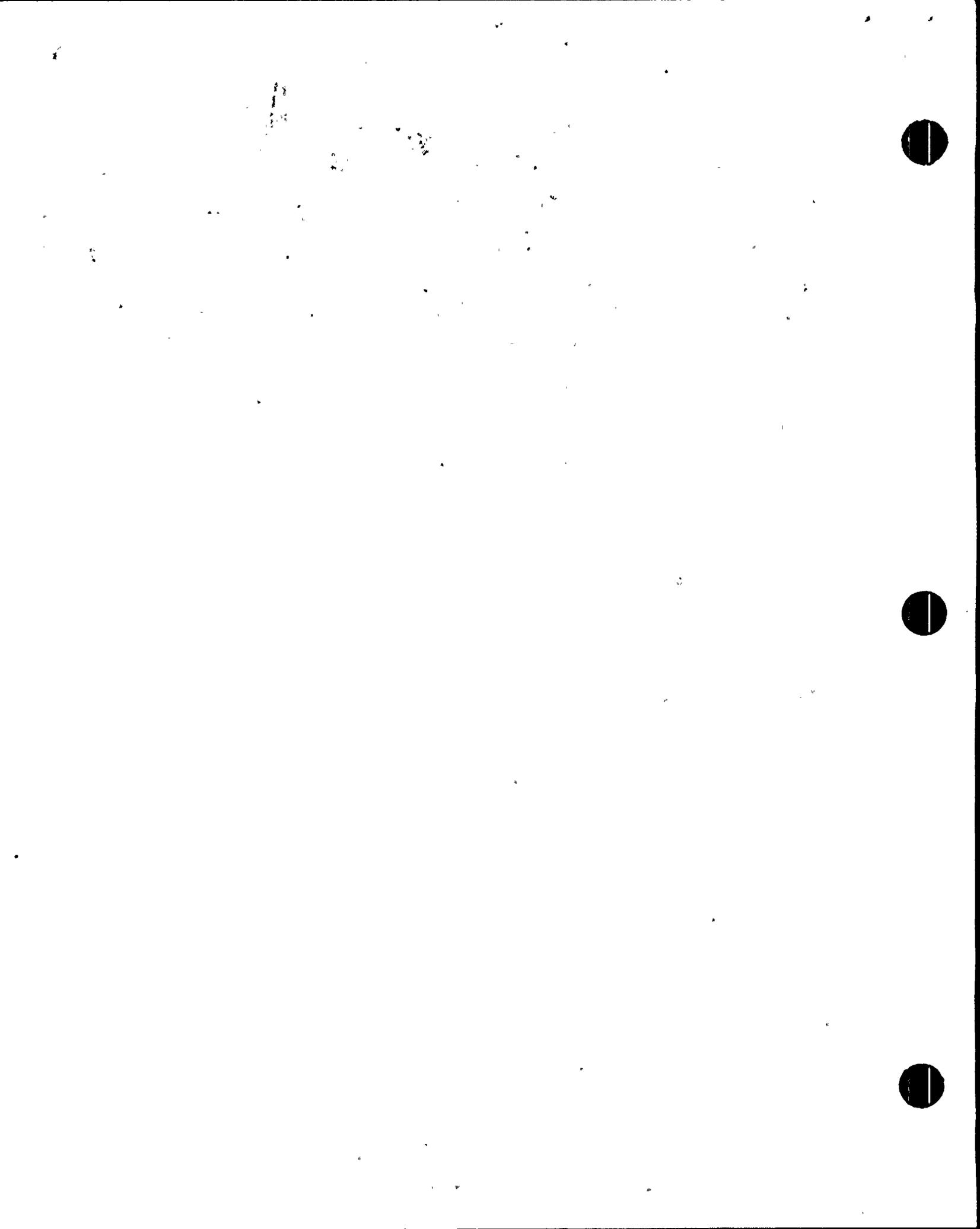
File Revision No. 2

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 7001
3. Date Reported to PG&E 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurrence with previous RLCA, Rev. 1, final resolution
as Deviation-Additional Verification Required

6. Program Resolution is:

7. Potential Program Resolution
Report signed by Mr. Edward Denison (RLCA) on 820322
Type Name/Organization Date
8. Signature: *ED Denison* 820417 (Approved/Program Manager)



PROGRAM RESOLUTION REPORT

File No. 931

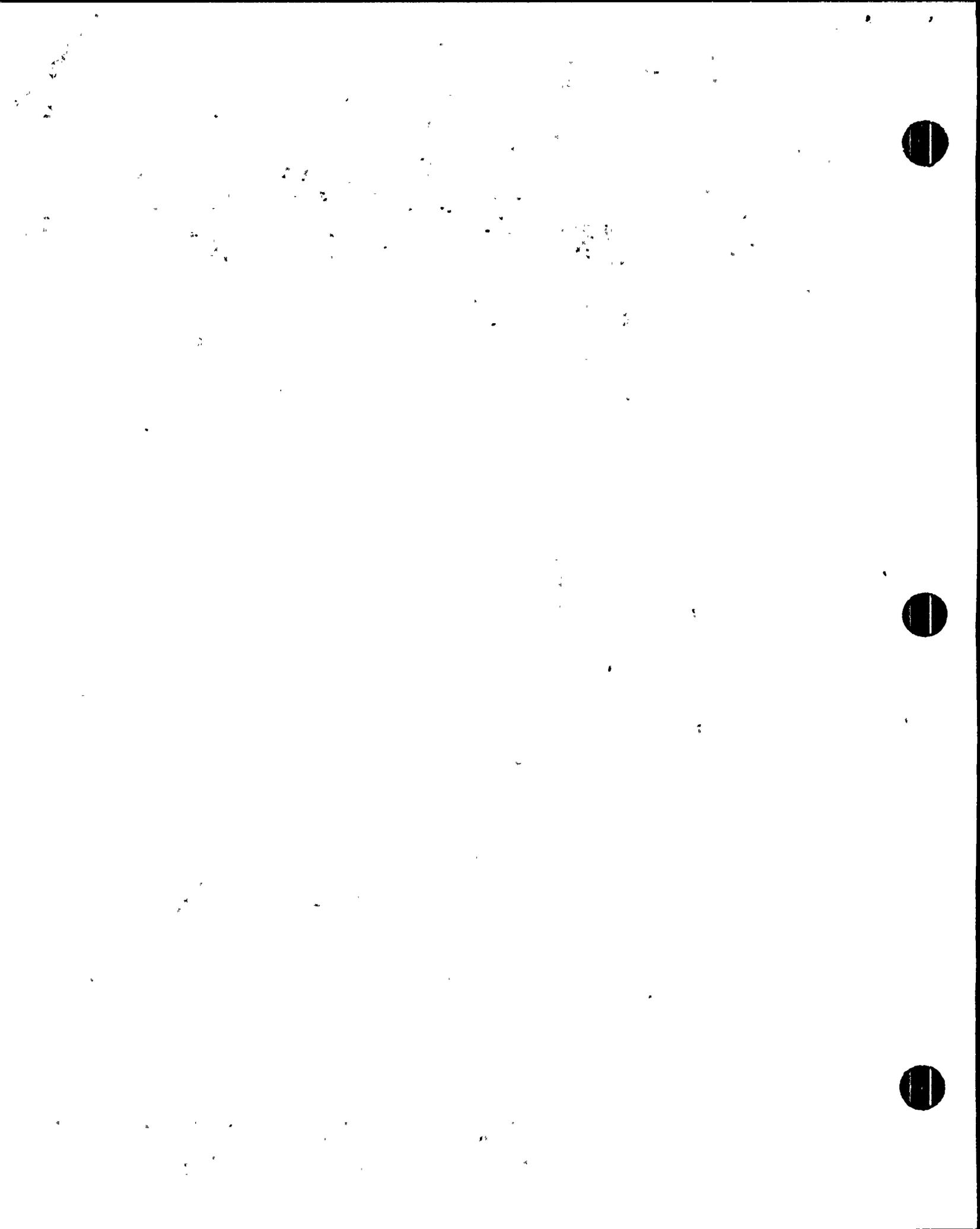
File Revision No. 2

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 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation.

6. Program Resolution is:

7. Potential Program Resolution Report signed by Mr. Edward Denison (RLCA) on 820309
Type Name/Organization Date
8. Signature: *N. E. Long* 820417 (Approved/Program Manager)



ERROR REPORT

File No. .932

Class: A
A,B,C or D

File Revision No. 2

PG&E Task No. 70004

1. Dates: Reported to Program Review Committee Not Applicable
Program Review Committee Action Not Applicable
Reported to PG&E and Originator 820420
2. Scheduled for TES Semimonthly Report No. 12
3. Structure(s), system(s), or component(s) involved:

4. Description of Error:

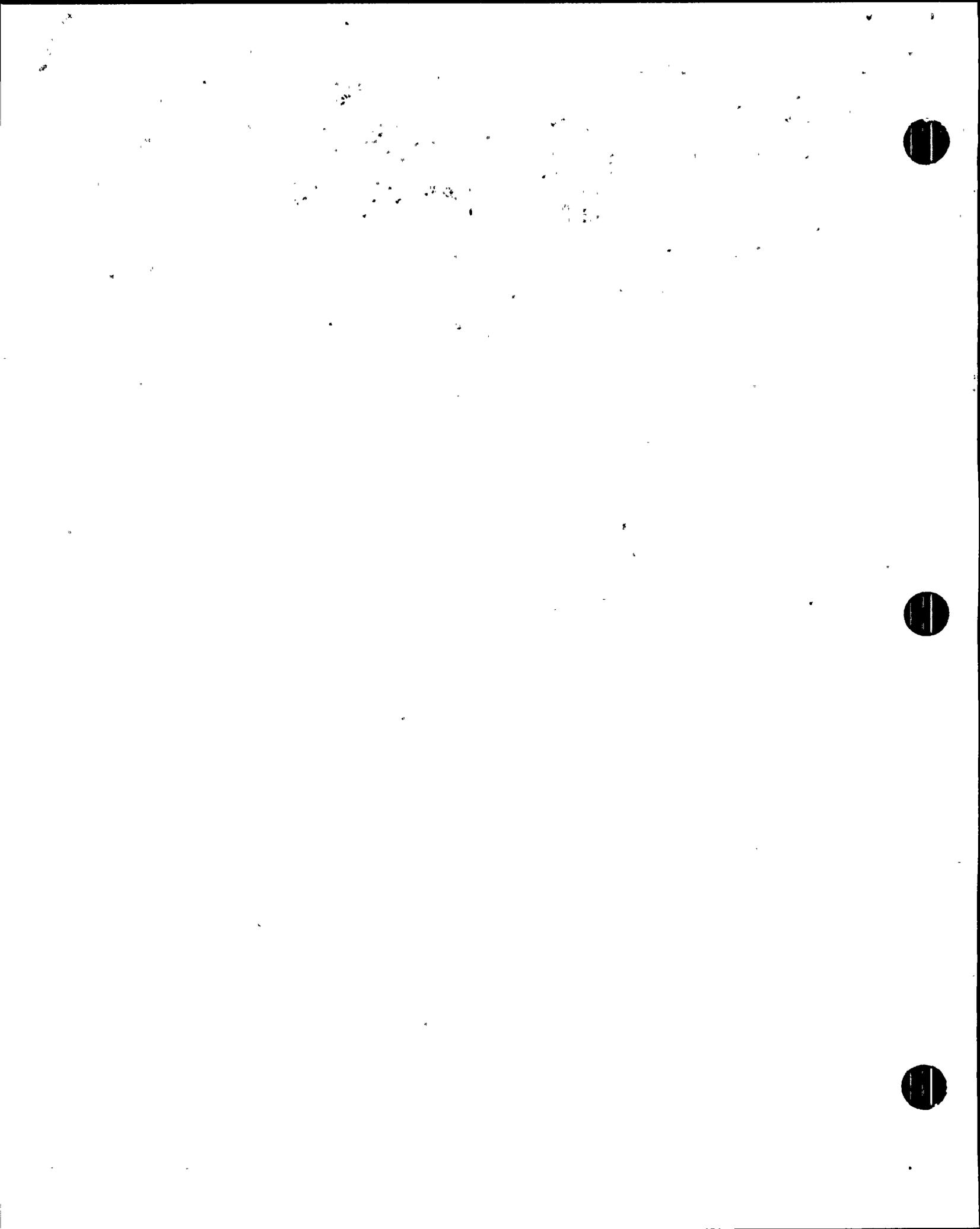
5. Significance of Error:

6. Recommendation:

TES concurs with RLCA Revision 1.

7. Potential Error Report signed by Mr. Edward Denison on 3/19/82
Type Name/Organization Date

8. Signatures: Not Applicable R. E. Evans 820417
For Program Review Committee Approved/Program Manager



OPEN ITEM REPORT

File No. 932

RLCA

File Revision No. 3

1. Date reported to PG&E and ~~RES~~ 820420
2. Scheduled for TES (Originator) Semimonthly Report No. 12
3. Responsive to PG&E Technical Program: Task 70004 (if applicable)
4. Prepared as a result of:
 - a. QA Audit and Review Report of _____
 - b. Field Inspection Deficiency
 - c. Independent Calculation Deficiency
 - d. Seismic Input Deficiency
 - e. Design Methodology Deficiency
 - f. Other Deficiency - PG&E Task Completion on Error A
5. Structure(s), system(s) or component(s) involved:

Support 58S-23R

6. Description of Concern:

7. Significance of Concern:

8. Recommendation:

RLCA reverify

9. Signature: N. P. Gray 820417 (Originator/Organization)



PROGRAM RESOLUTION REPORT

File No. 934

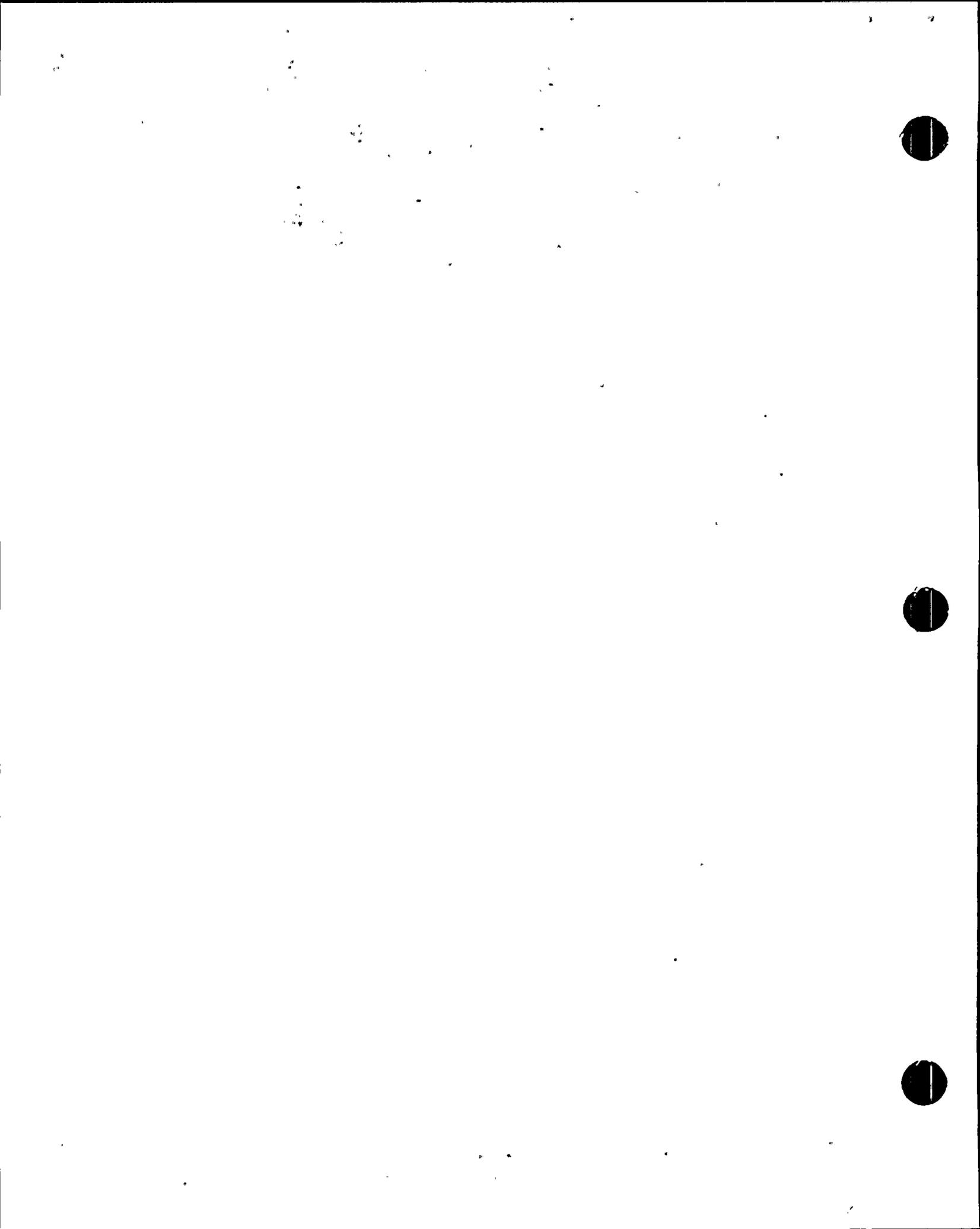
File Revision No. 2

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 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation.

6. Program Resolution is:

7. Potential Program Resolution
Report signed by Edward Denison (RLCA) on 820309
Type Name/Organization Date
8. Signature: *Ed Denison* 820417 (Approved/Program Manager)



PROGRAM RESOLUTION REPORT

File No. 936

File Revision No. 2

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 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with PG&E categorization as a Deviation

6. Program Resolution is:

7. Potential Program Resolution
Report signed by Edward Denison (RLCA) on 820309
Type Name/Organization Date
8. Signature: *W. E. Denison* 820417 (Approved/Program Manager)



PROGRAM RESOLUTION REPORT

File No. 941

File Revision No. 2

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 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation.

6. Program Resolution is: .

7. Potential Program Resolution Report signed by Edward Denison (RLCA) on 820309
Type Name/Organization Date
8. Signature: *Edward Denison* 820417 (Approved/Program Manager)



PROGRAM RESOLUTION REPORT

File No. 944

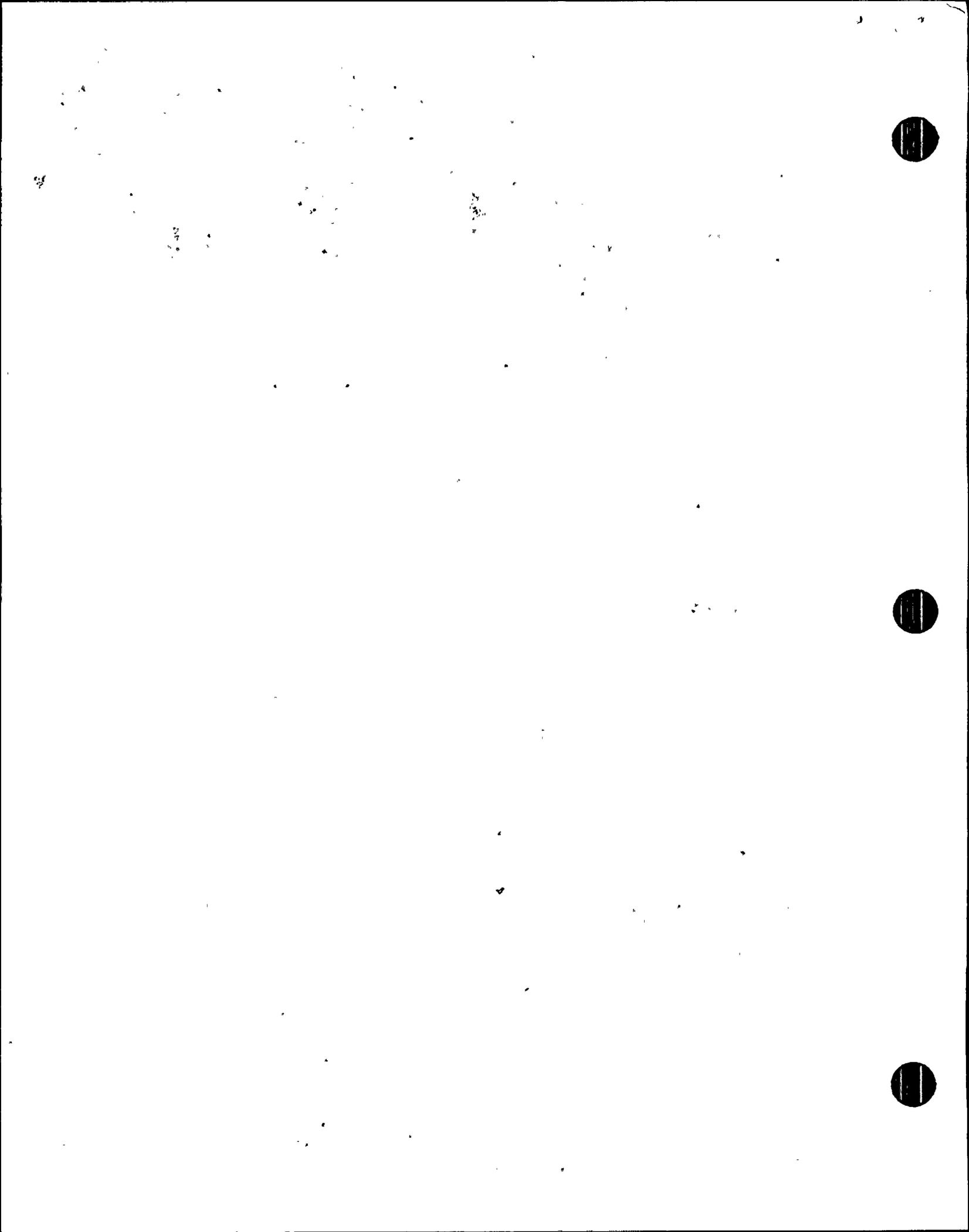
File Revision No. 2

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 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation.

6. Program Resolution is:

7. Potential Program Resolution
Report signed by Edward Denison (RLCA) on 820309
Type Name/Organization Date
8. Signature: *Edward Denison* 820417 (Approved/Program Manager)



ERROR REPORT

File No. 946

Class: C
A, B, C or D

File Revision No. 2

PG&E Task No. 70018

- 1. Dates: Reported to Program Review Committee Not Applicable
 Program Review Committee Action Not Applicable
 Reported to PG&E and Originator 820420
- 2. Scheduled for TES Semimonthly Report No. 12
- 3. Structure(s), system(s), or component(s) involved:

4. Description of Error:

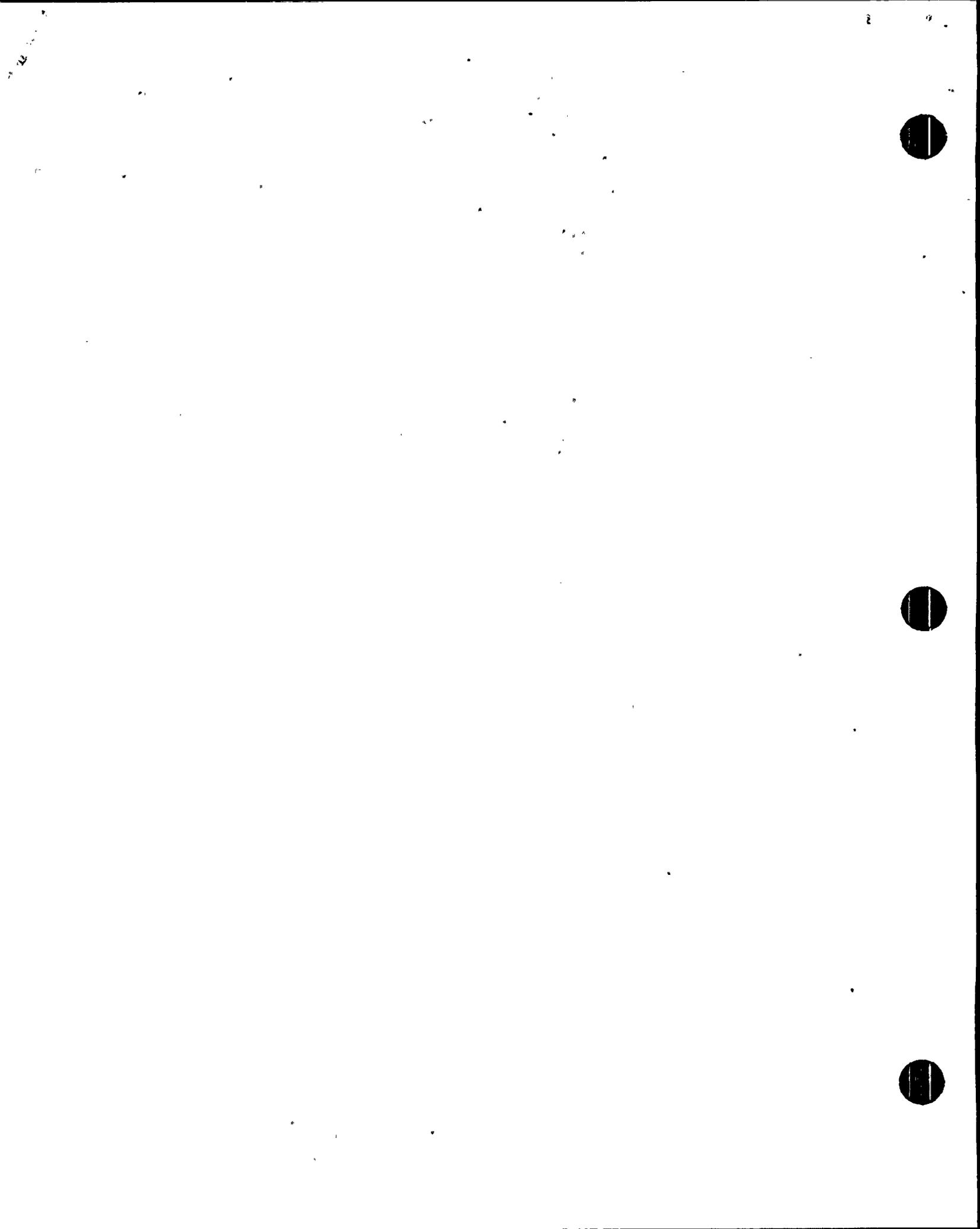
5. Significance of Error:

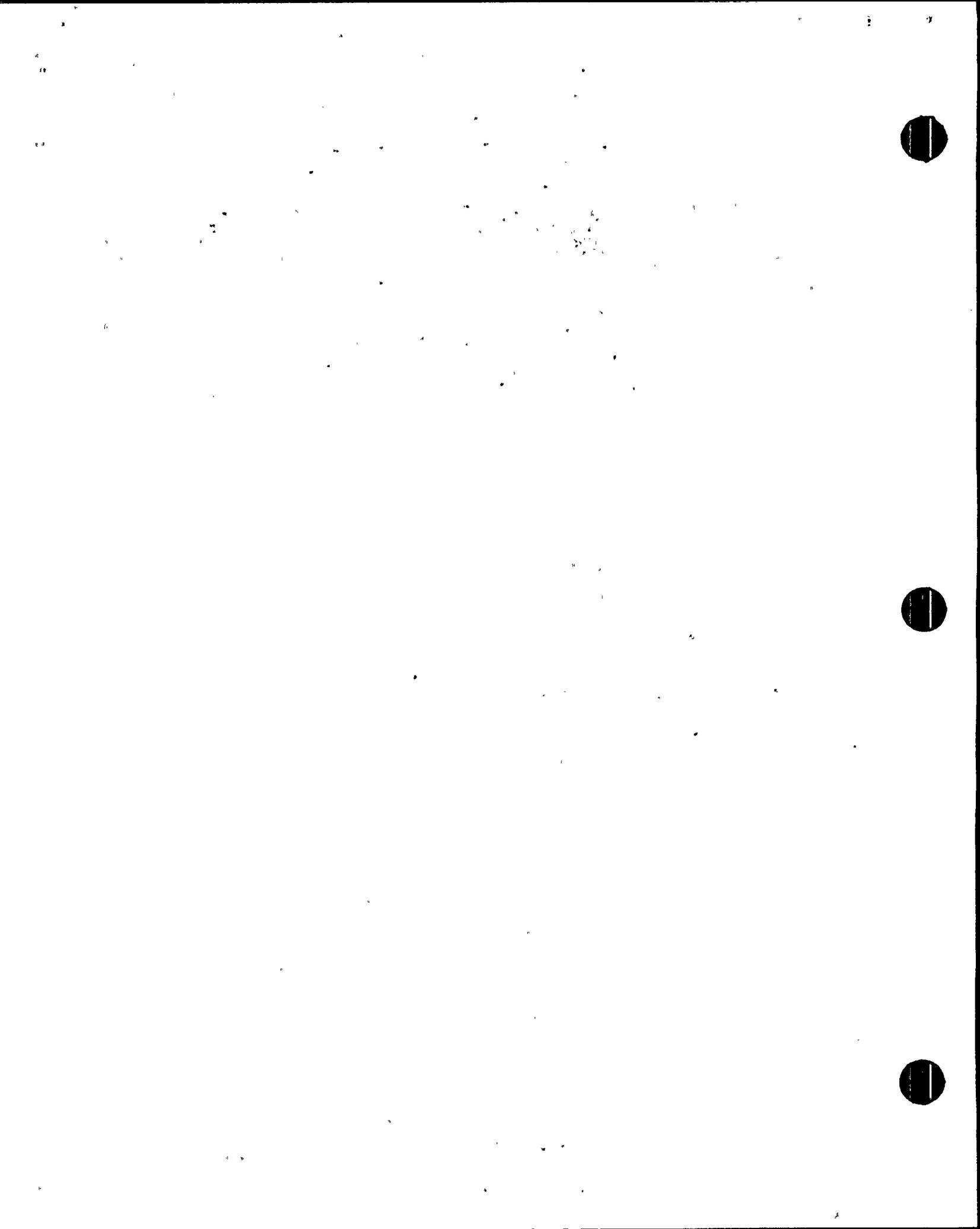
6. Recommendation:

TES concurs with RLCA Revision 1

7. Potential Error Report signed by Edward Dennison (RLCA) on 820319
 Type Name/Organization Date

8. Signatures: Not Applicable
 For Program Review Committee NE Connor 820417
 Approved/Program Manager





PROGRAM RESOLUTION REPORT

File No. 948

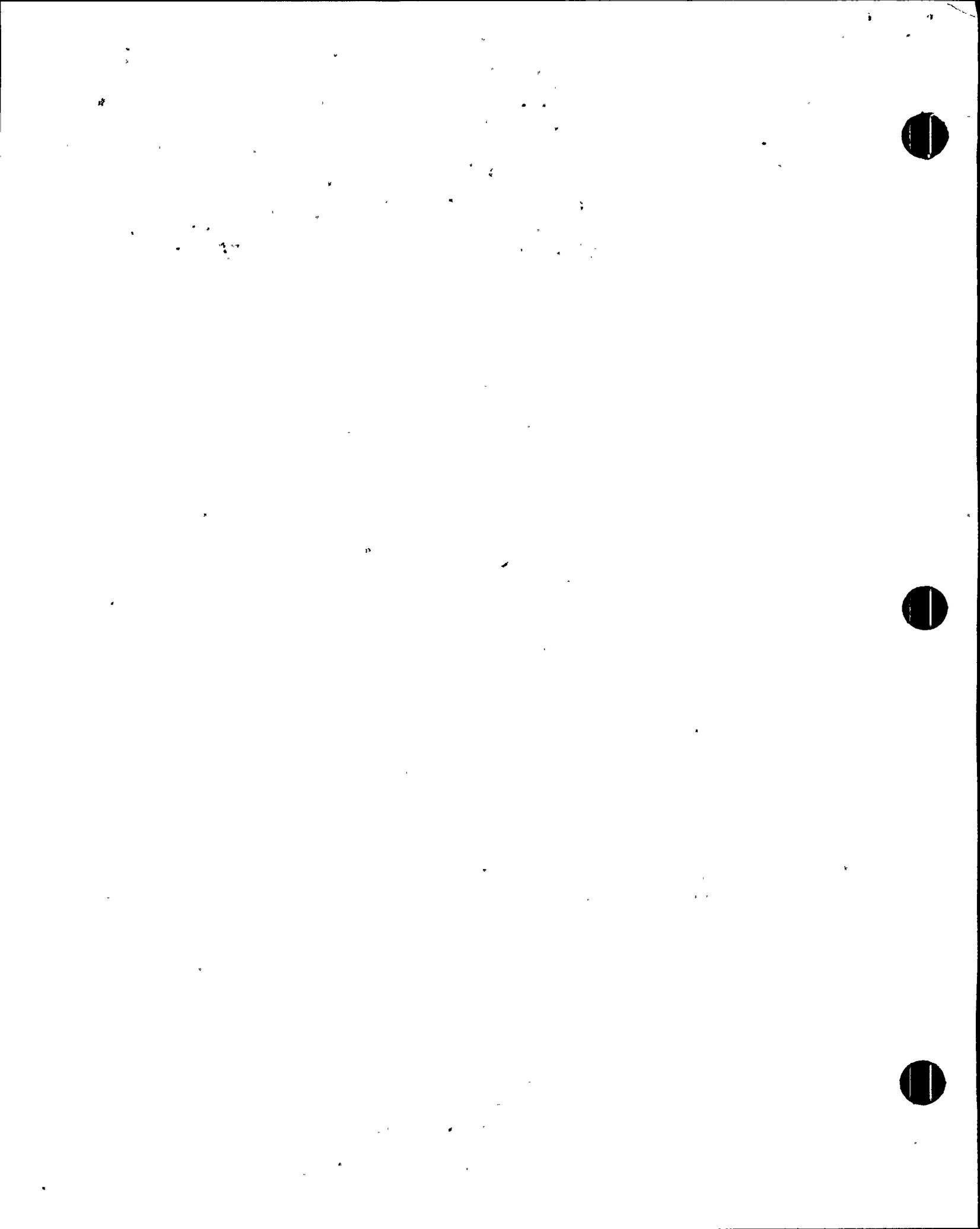
File Revision No. 2

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 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation.

6. Program Resolution is:

7. Potential Program Resolution.
Report signed by Edward Denison (RLCA) on 820302
Type Name/Organization Date
8. Signature: *RE Coyle* 820417 (Approved/Program Manager)



ERROR REPORT

File No. 949

Class: A or B
A, B, C or D

File Revision No. 1

PG&E Task No. 70021

- 1. Dates: Reported to Program Review Committee Not Applicable
 Program Review Committee Action Not Applicable
 Reported to PG&E and Originator 820421
- 2. Scheduled for TES Semimonthly Report No. 12
- 3. Structure(s), system(s), or component(s) involved: _____

4. Description of Error:

5. Significance of Error:

6. Recommendation:

TES concurs with RLCA Revision 0

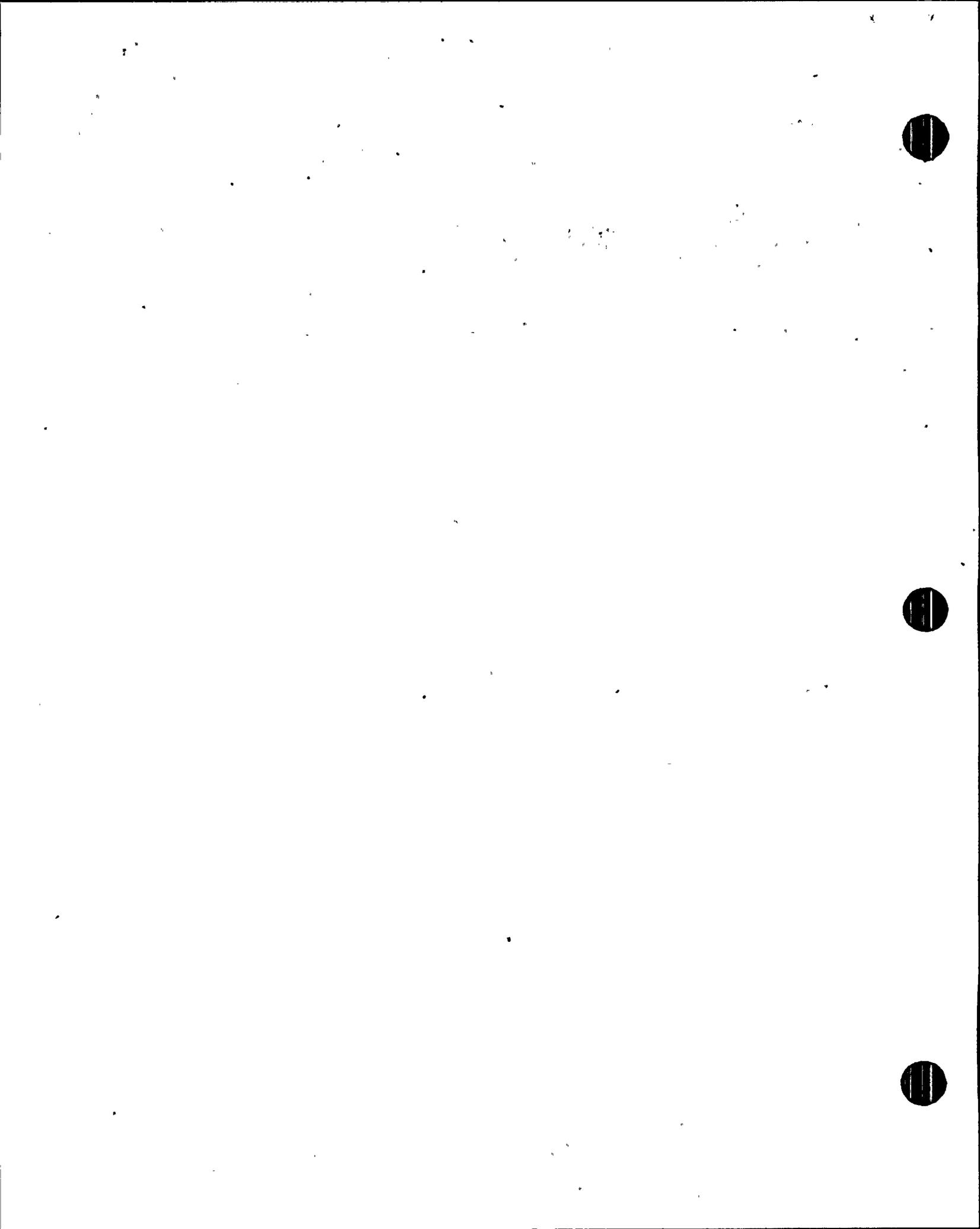
7. Potential Error Report signed by Mr. P. Chen/RLCA on 820120

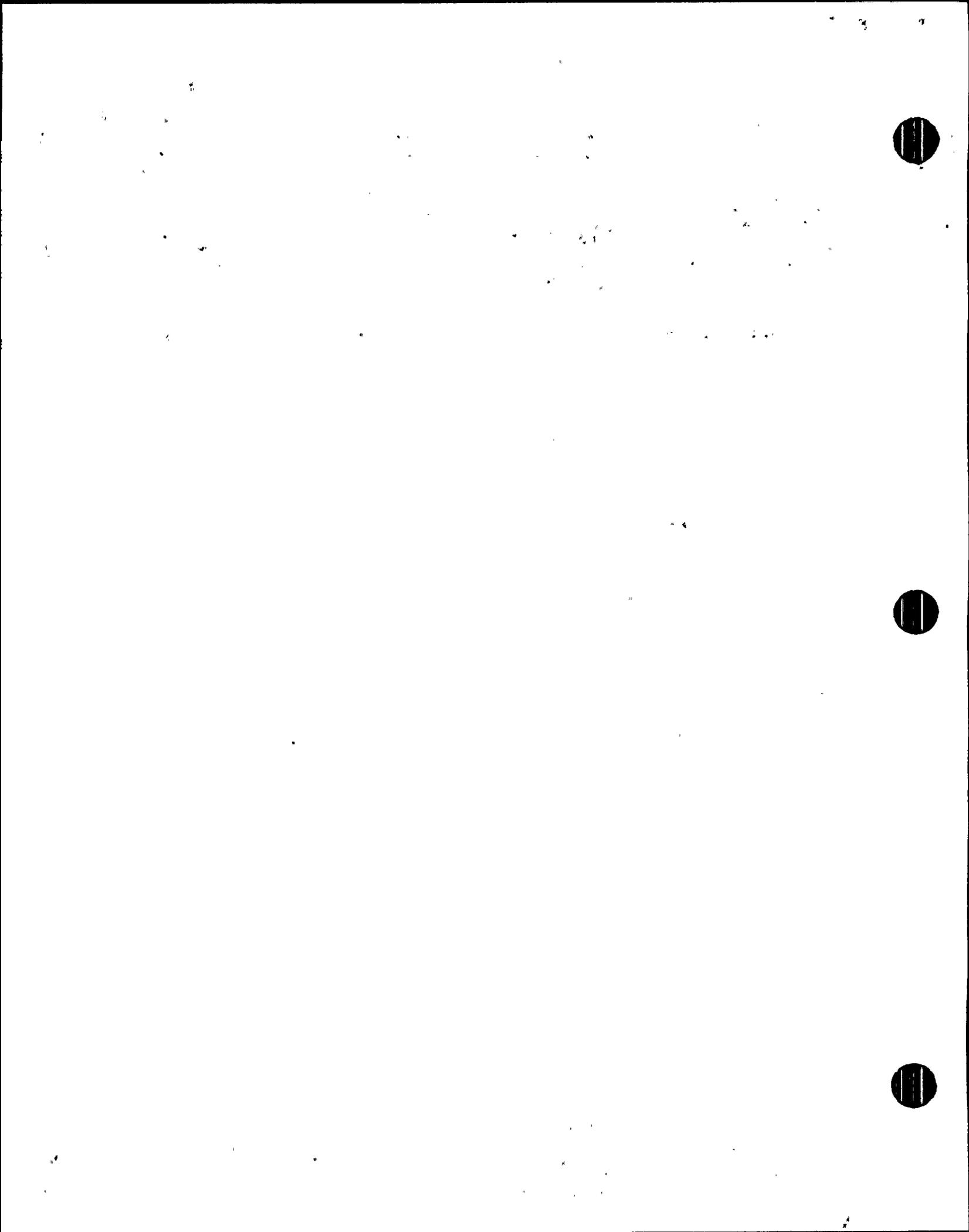
8. Signatures: Not Applicable Type Name/Organization Date

For Program Review Committee

[Signature]
Approved/Program Manager W.E. Cooper 820421







PROGRAM RESOLUTION REPORT

File No. 960

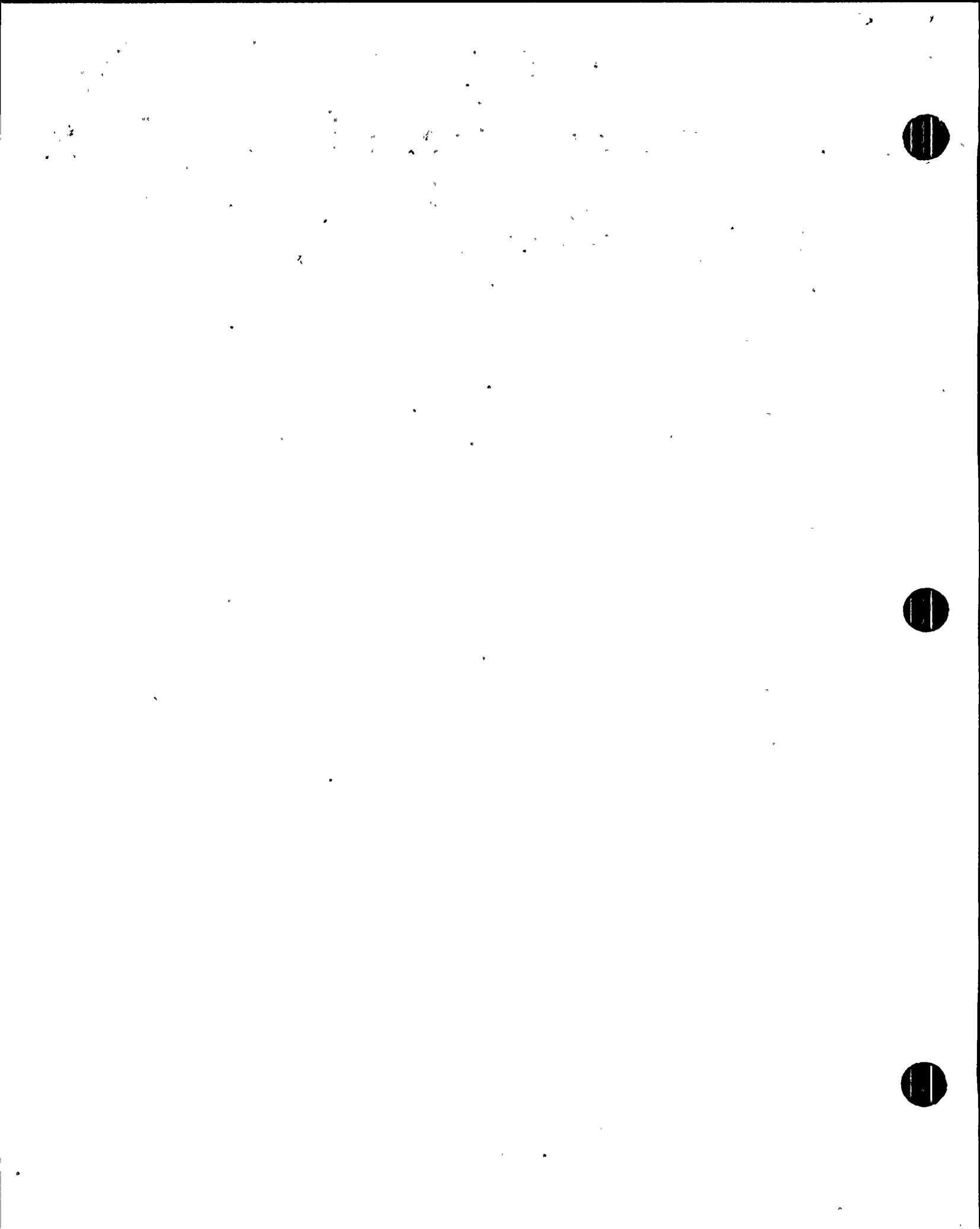
File Revision No. 2

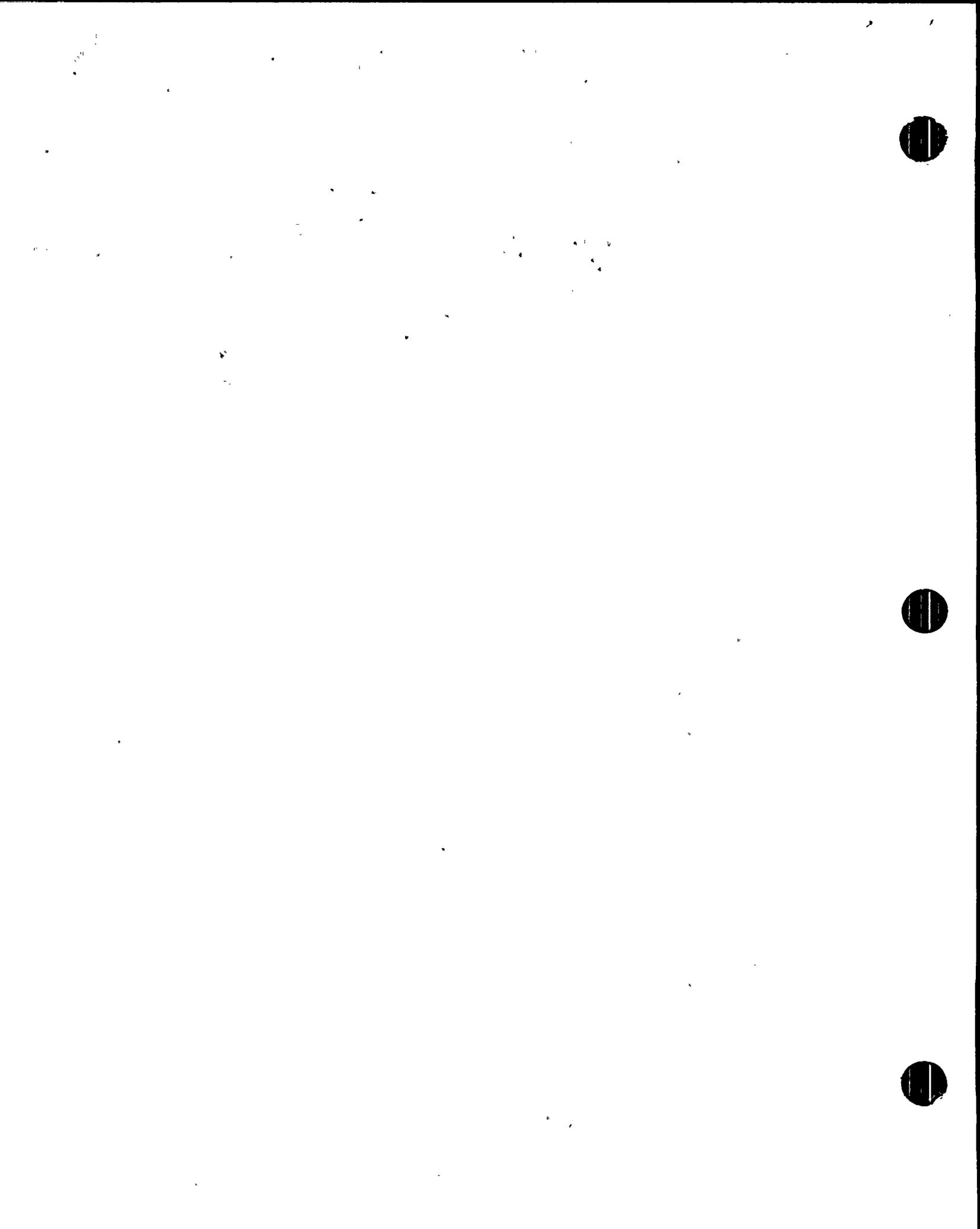
1. Resolution of an: Open Item: Class _____ Error
2. Independent Design Verification Program Resolution is as:
 - a. Closed Item
 - b. Deviation
 - c. Open Item with future action by PG&E: Task _____
3. Date Reported to PG&E 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation.

6. Program Resolution is:

7. Potential Program Resolution
Report signed by Edward Denison (RLCA) on 820309
Type Name/Organization Date
8. Signature: W.S. [Signature] 820417 (Approved/Program Manager)





PROGRAM RESOLUTION REPORT

File No. 967

File Revision No. 2

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 70039
3. Date Reported to PG&E 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with previous RLCA recommendation as a Deviation -
Additional Verification Required

6. Program Resolution is:

7. Potential Program Resolution
Report signed by Edward Denison (RLCA) on 820322
Type Name/Organization Date
8. Signature: NE Coyne 820417 (Approved/Program Manager)



File No. 976

File Revision No. 2

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. 1 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: *RP Coogan* 820417
Approved/Program Manager



File No. 979

File Revision No. 2

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. 1 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: *NE Cooper* 820417
Approved/Program Manager



File No. 980

File Revision No. 2

IDVP COMPLETION REPORT

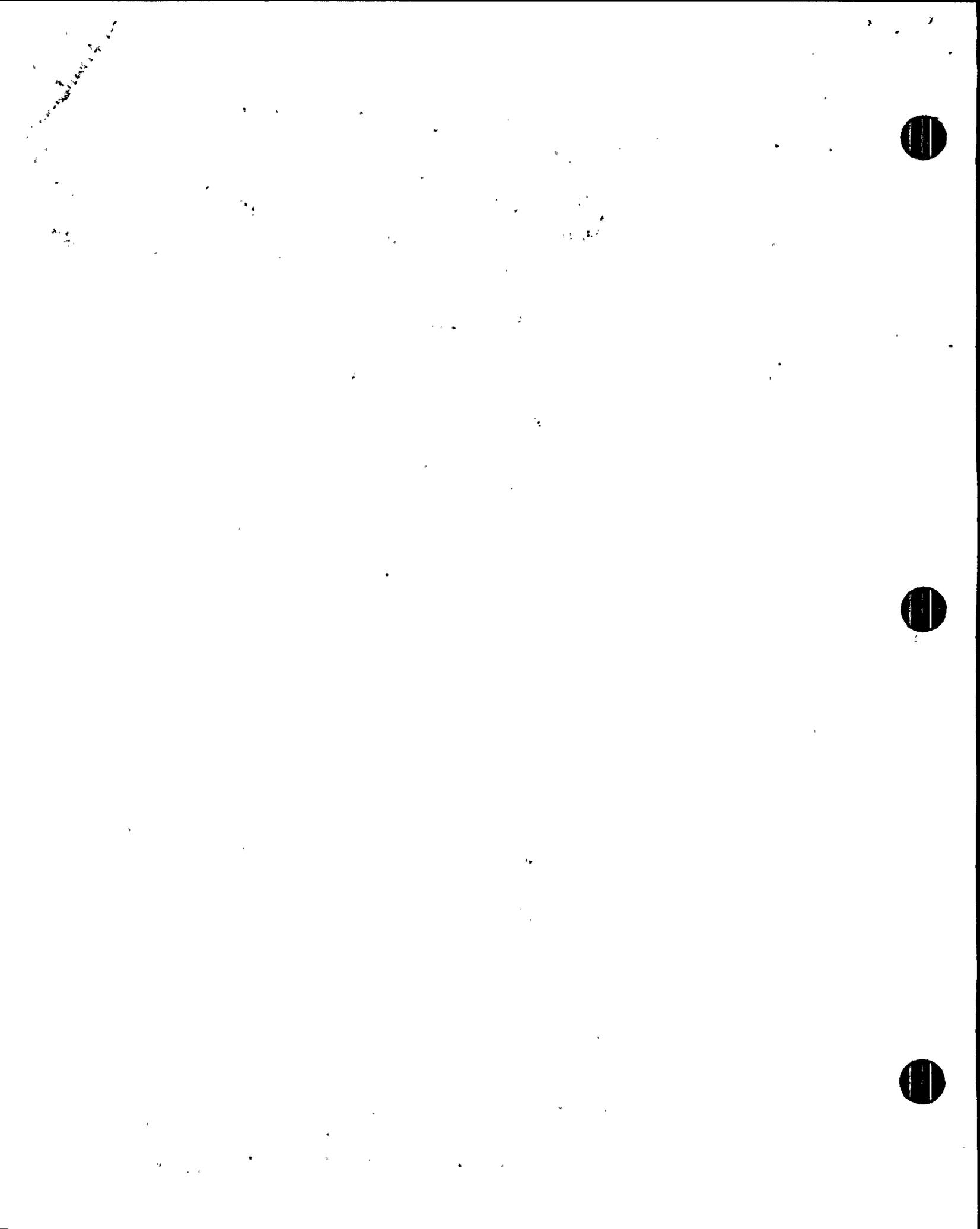
The DCNPP Independent Design Verification Program (IDVP) effort related to the above File Number is complete.

1. The action which completes the IDVP effort is:

File Revision No. 1 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: NE Coogan 860417
Approved/Program Manager



ERROR REPORT

File No. 983

Class: A
A, B, C or D

File Revision No. 1

PG&E Task No. 70055

- 1. Dates: Reported to Program Review Committee Not Applicable
 Program Review Committee Action Not Applicable
 Reported to PG&E and Originator 820421
- 2. Scheduled for TES Semimonthly Report No. 12
- 3. Structure(s), system(s), or component(s) involved:

4. Description of Error:

5. Significance of Error:

6. Recommendation:

TES concurs with RLCA Revision 0

7. Potential Error Report signed by Mr. R. L. Cloud/RLCA on 820206
Type Name/Organization Date

8. Signatures: Not Applicable
For Program Review Committee Approved for W.P. Cooper 820421
Approved Program Manager



File No. 985

File Revision No. 2

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. 1 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: NE Coyle 860417
Approved/Program Manager



File No. 987

File Revision No. 2

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. 1 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. Coyle* 820417
Approved/Program Manager



File No. 1000
File Revision No. 2

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. 1 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. Coogan 820417
Approved/Program Manager



File No. 1001

File Revision No. 2

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. 1 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. Page 820417
Approved/Program Manager

Handwritten text, possibly a date or reference number, located in the top left corner.



ERROR REPORT

File No. 1002

Class: B
A, B, C or D

File Revision No. 1

PG&E Task No. 70074

1. Dates: Reported to Program Review Committee Not Applicable
Program Review Committee Action Not Applicable
Reported to PG&E and Originator 820420
2. Scheduled for TES Semimonthly Report No. 12
3. Structure(s), system(s), or component(s) involved:

4. Description of Error:

5. Significance of Error:

6. Recommendation:

TES concurs with RLCA categorization as an Error B

7. Potential Error Report signed by R. L. Cloud on 820206

8. Signatures: Not Applicable 2/8/82 820417
For Program Review Committee Approved/Program Manager

10/1/78



OPEN ITEM REPORT

File No. 1002

RLCA File Revision No. 2

1. Date reported to PG&E and X&X 820420
2. Scheduled for _____ (Originator) Semimonthly Report No. 12
3. Responsive to PG&E Technical Program: Task 70074 (if applicable)
4. Prepared as a result of:
 - a. QA Audit and Review Report of _____
 - b. Field Inspection Deficiency
 - c. Independent Calculation Deficiency
 - d. Seismic Input Deficiency
 - e. Design Methodology Deficiency
 - f. Other Deficiency - *PG&E Task completion of an Error, Class B*
5. Structure(s), system(s) or component(s) involved:
Supply fans 567, 568, and 569
Forced Draft Shutter Damper

6. Description of Concern:

Incorrective and unconservative seismic inputs.

7. Significance of Concern:

8. Recommendation:

Review EDS requalifications provided by PG&E

9. Signature: *W.E. Coyle* 820417 (Originator/Organization)



PROGRAM RESOLUTION REPORT

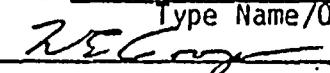
File No. 1004

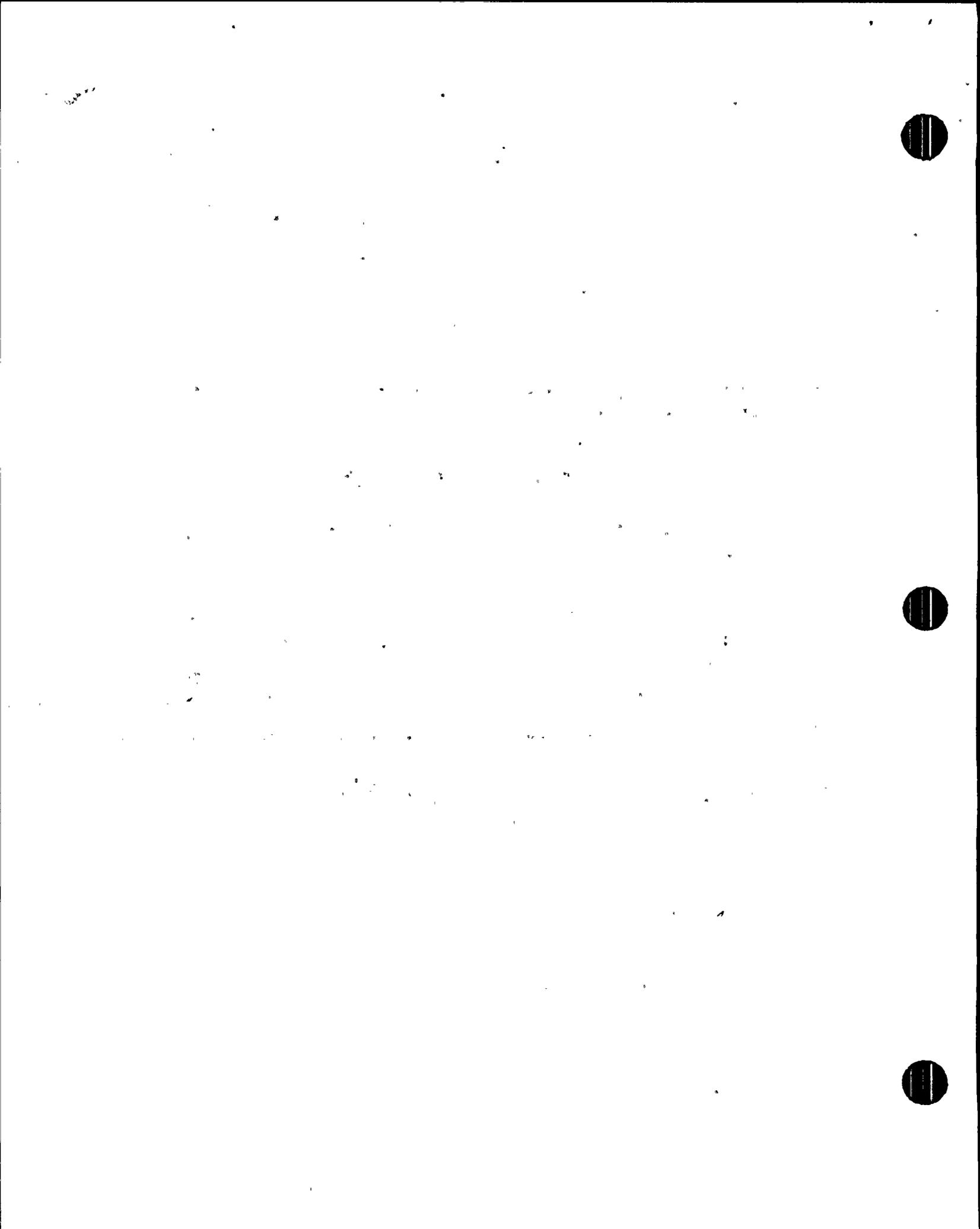
File Revision No. 2

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 70076
3. Date Reported to PG&E 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation -
Additional Verification Required

6. Program Resolution is:

7. Potential Program Resolution
Report signed by Edward Denison (RLCA) on 820322
Type Name/Organization Date
8. Signature:  820417 (Approved/Program Manager)



File No. 1005
File Revision No. 2

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. 1 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. Conner 820417
Approved/Program Manager



2000



File No. 1006

File Revision No. 2

IDVP COMPLETION REPORT

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

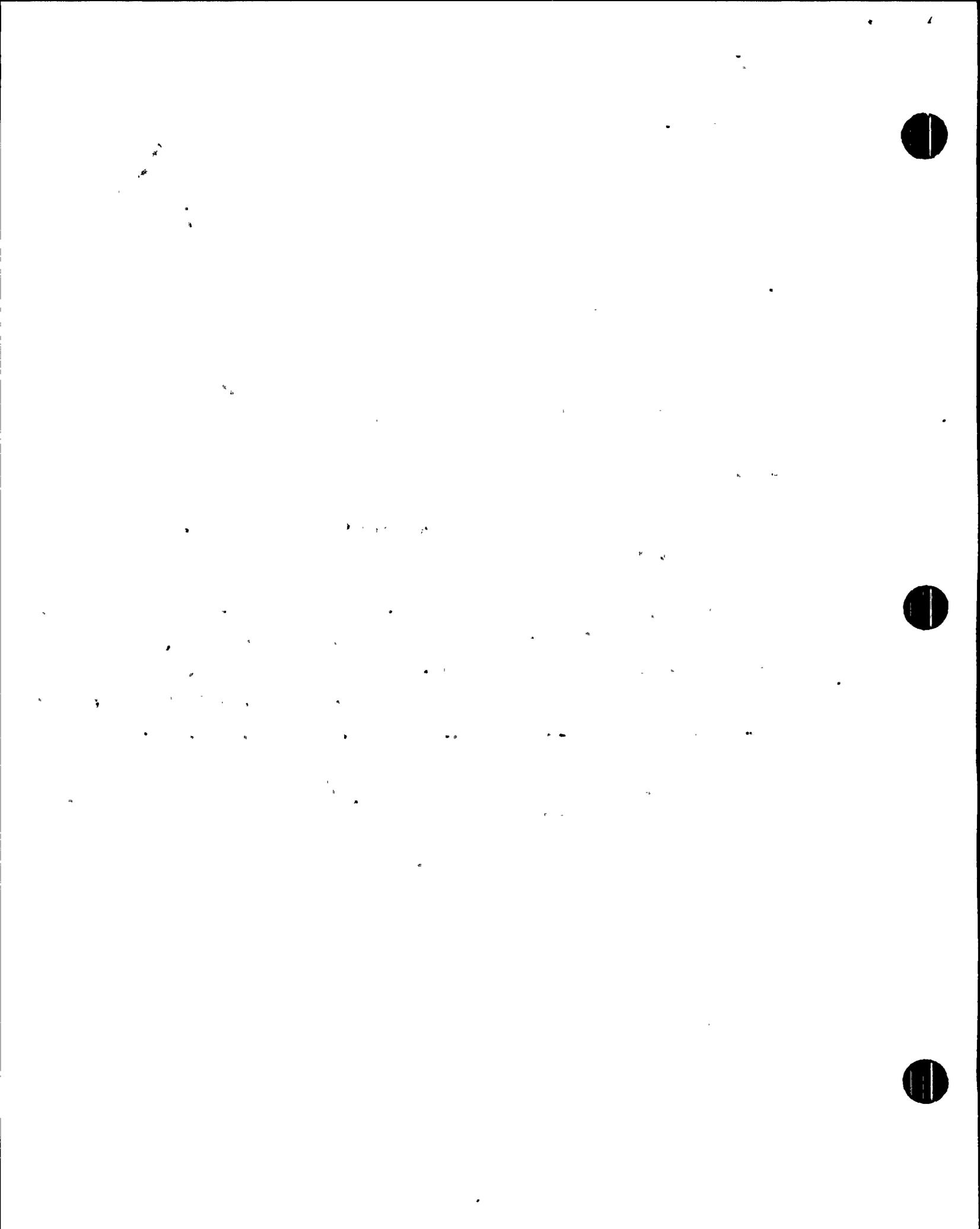
1. The action which completes the IDVP effort is:

File Revision No. 1 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:

Ronald Gray for W.E. Cooper 820421
Approved/Program Manager



File No. 1007

File Revision No. 2

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. 1 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:

Ronald Hryck W. Elmer 820421
Approved/Program Manager



PROGRAM RESOLUTION REPORT

File No. 1009

File Revision No. 2

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 70081
3. Date Reported to PG&E 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation -
Additional Verification Required

6. Program Resolution is:

7. Potential Program Resolution Report signed by Edward Denison (RLCA) on 820322
8. Signature: *Edward Denison* 820417 (Approved/Program Manager)



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PROGRAM RESOLUTION REPORT

File No. 1010

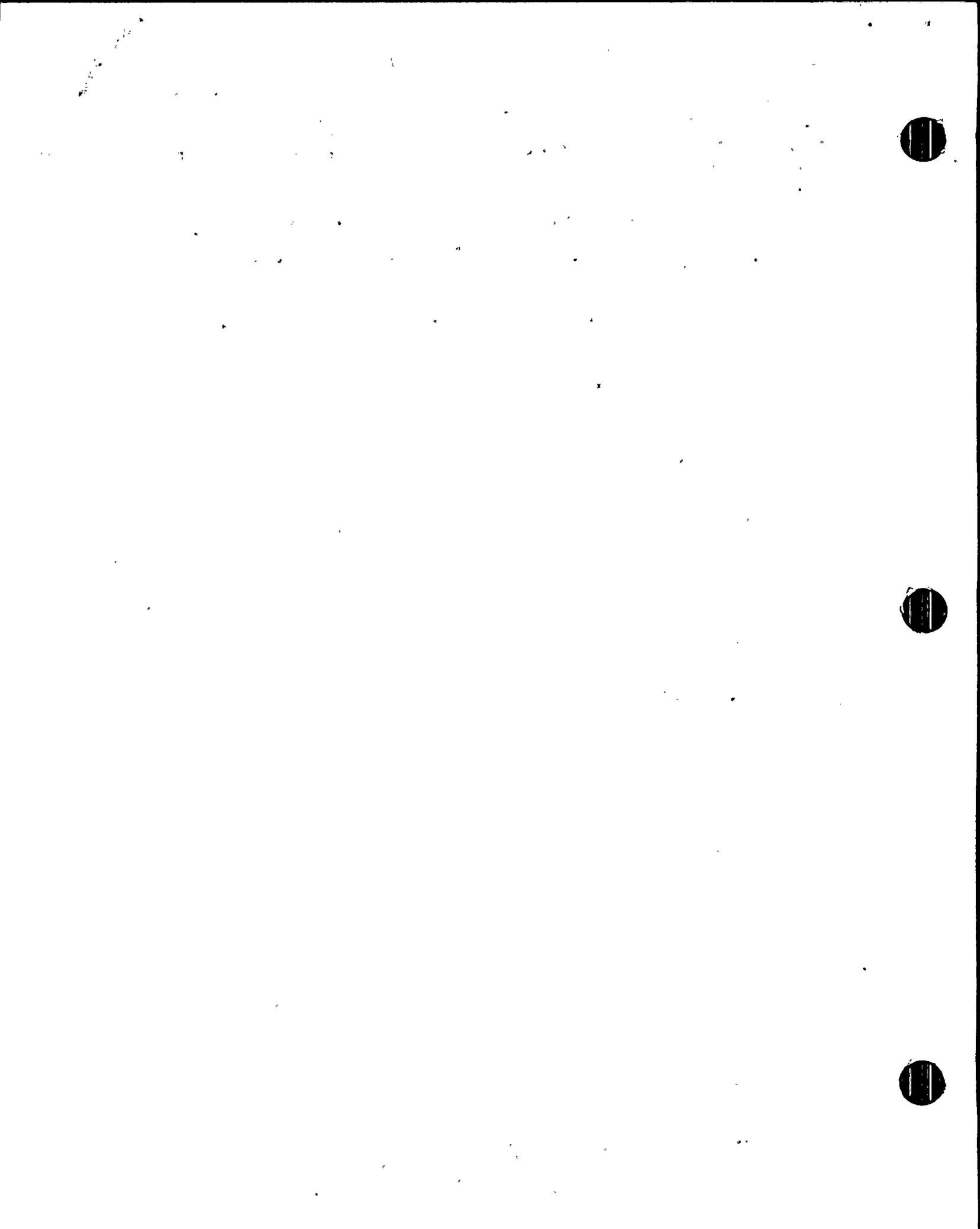
File Revision No. 2

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 70082
3. Date Reported to PG&E 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation -
Additional Verification Required

6. Program Resolution is:

7. Potential Program Resolution
Report signed by Edward Denison (RLCA) on 820322
Type Name/Organization Date
8. Signature: *R. E. Coyne* 820417 (Approved/Program Manager)



PROGRAM RESOLUTION REPORT

File No. 1011

File Revision No. 2

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 70083
3. Date Reported to PG&E 820421
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation.

6. Program Resolution is:

7. Potential Program Resolution Report signed by Mr. Edward Dennison/RLCA on 820317
Type Name/Organization Date
8. Signature: *R. W. [unclear] for W. E. Cooper* ⁸²⁰⁴²¹ (Approved/Program Manager)



File No. 1012

File Revision No. 1

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. 1 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:

Ronald King for W.C. Long 820421
Approved/Program Manager



1000
1000



PROGRAM RESOLUTION REPORT

File No. 1014

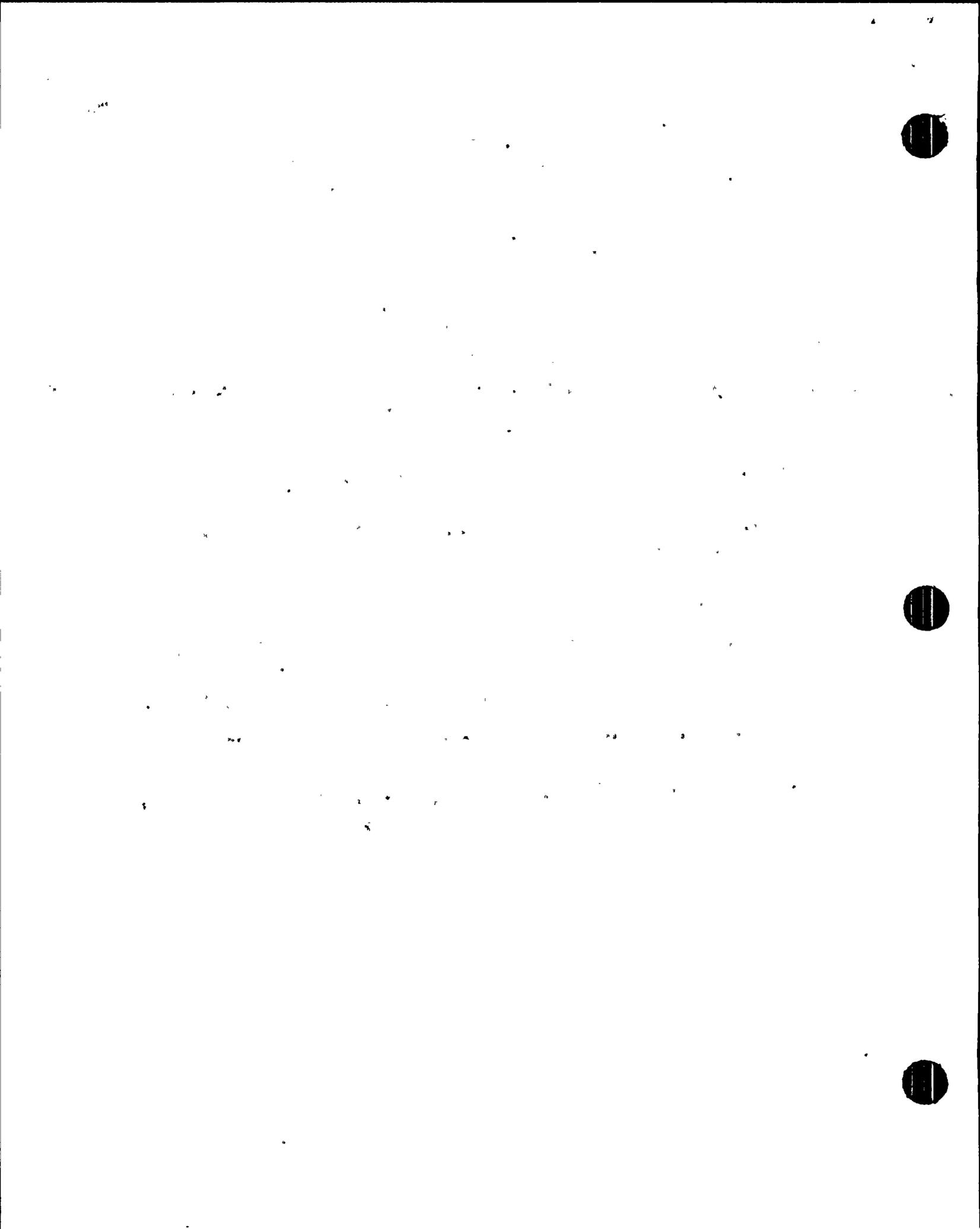
File Revision No. 2

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 70086
3. Date Reported to PG&E 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation -
Additional Verification Required

6. Program Resolution is:

7. Potential Program Resolution
Report signed by Edward Denison (RLCA) on 820322
Type Name/Organization Date
8. Signature: *Edward Denison* 820417 (Approved/Program Manager)



File No. 1015

File Revision No. 2

IDVP COMPLETION REPORT

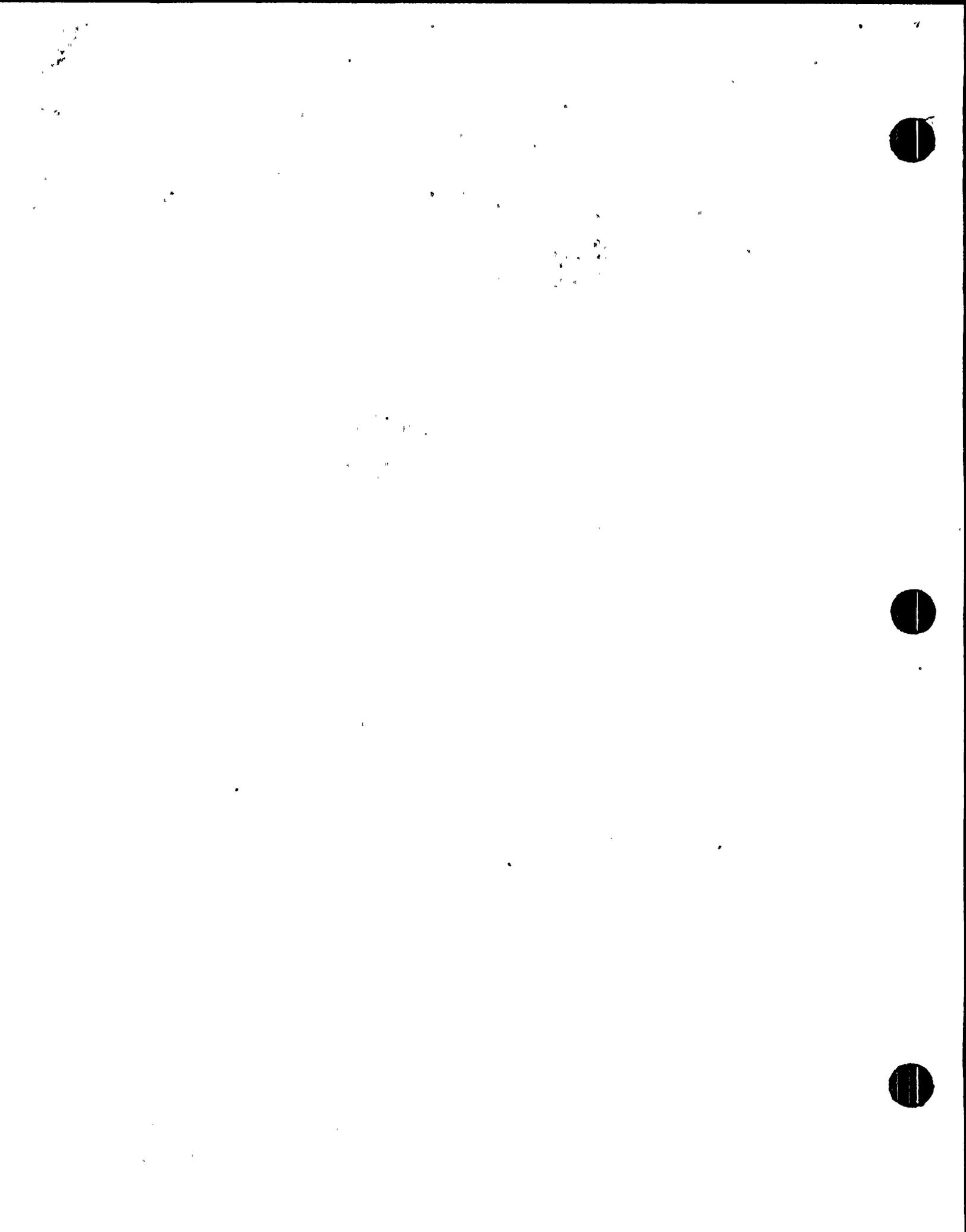
The DCNPP Independent Design Verification Program (IDVP) effort related to the above File Number is complete.

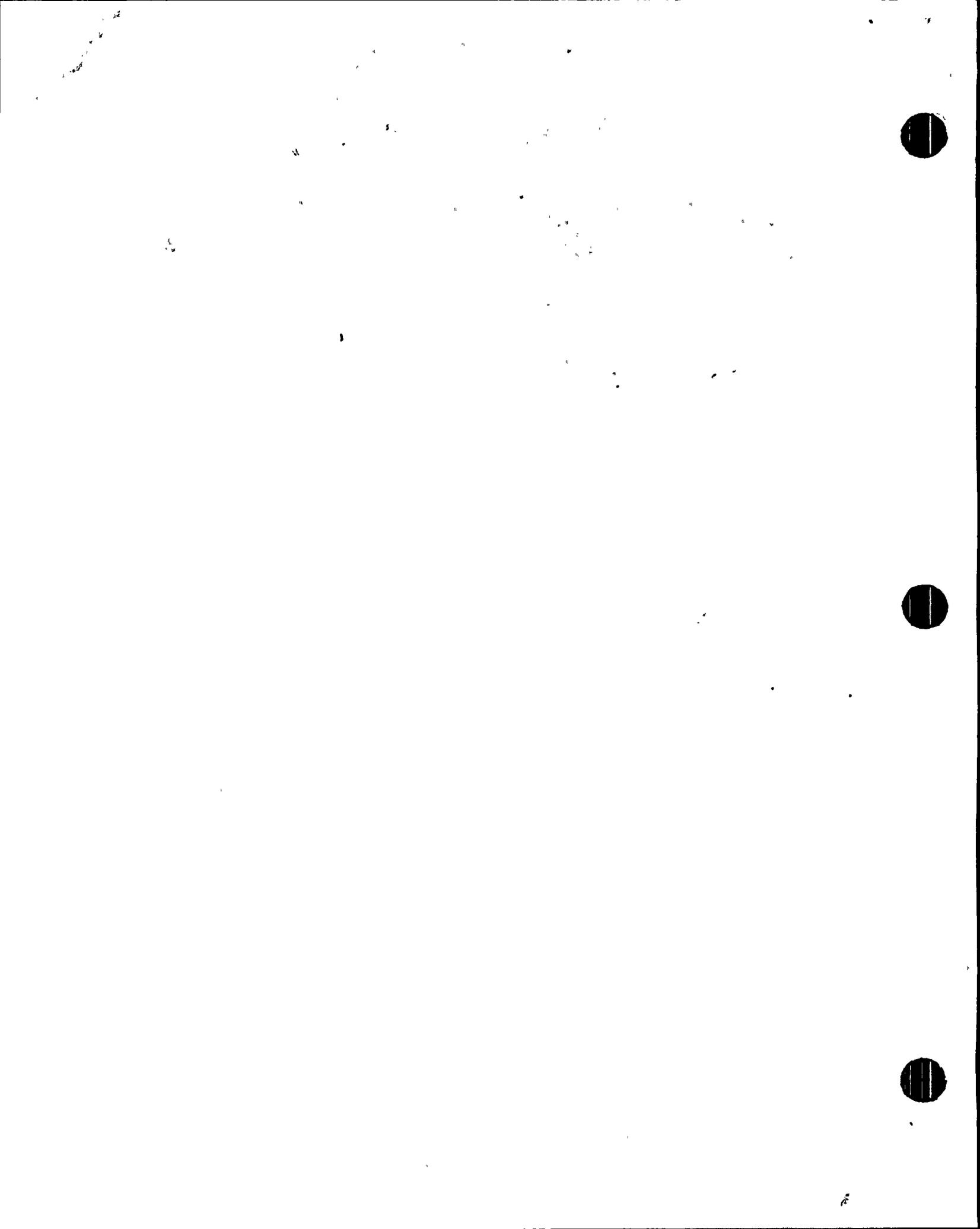
1. The action which completes the IDVP effort is:

File Revision No. 1 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. Coyle 820417
Approved/Program Manager





PROGRAM RESOLUTION REPORT

File No. 1020

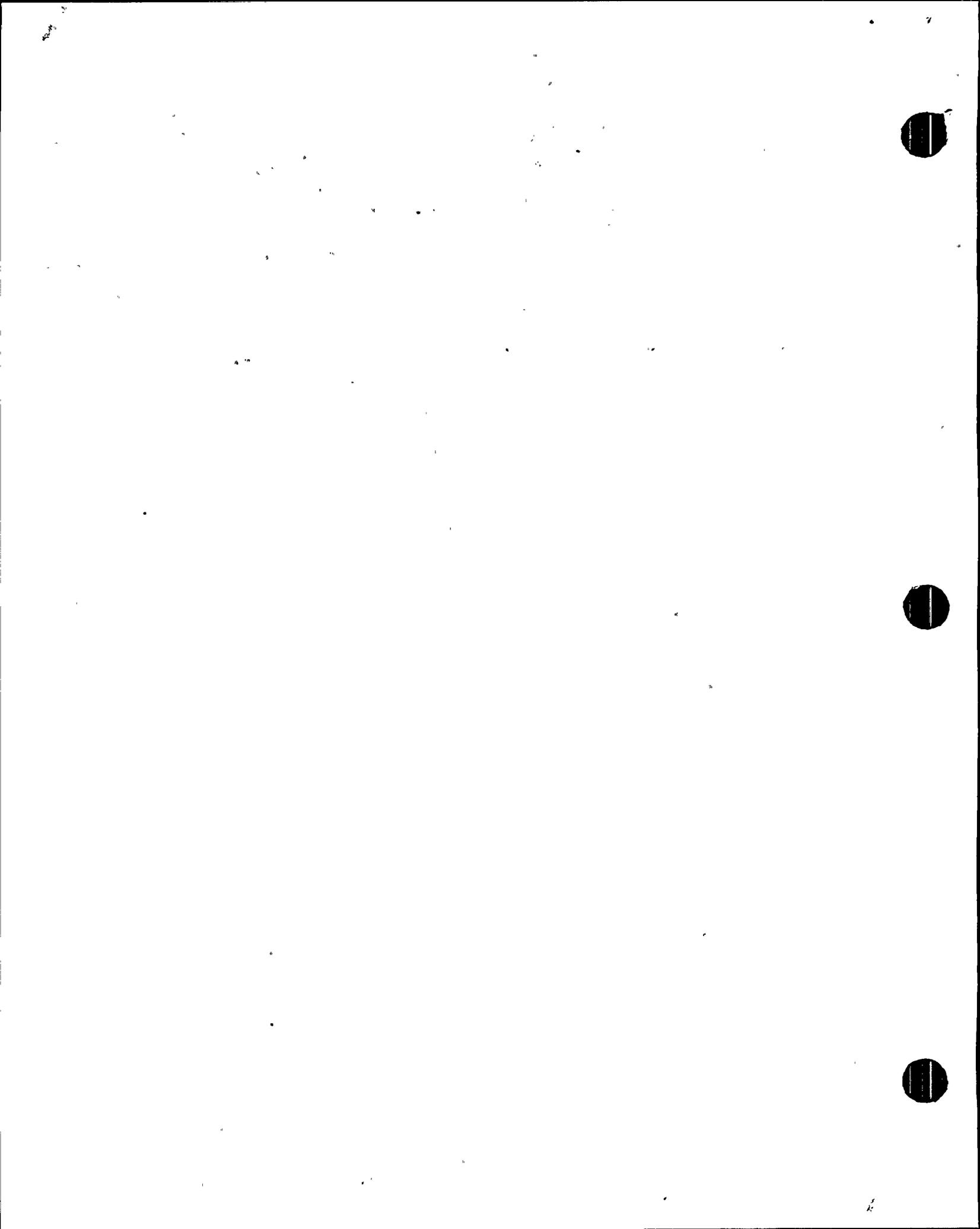
File Revision No. 2

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 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation.

6. Program Resolution is:

7. Potential Program Resolution
Report signed by Edward Denison (RLCA) on 820317
8. Signature: *N. E. Gray* 820417 (Approved/Program Manager)



PROGRAM RESOLUTION REPORT

File No. 1023

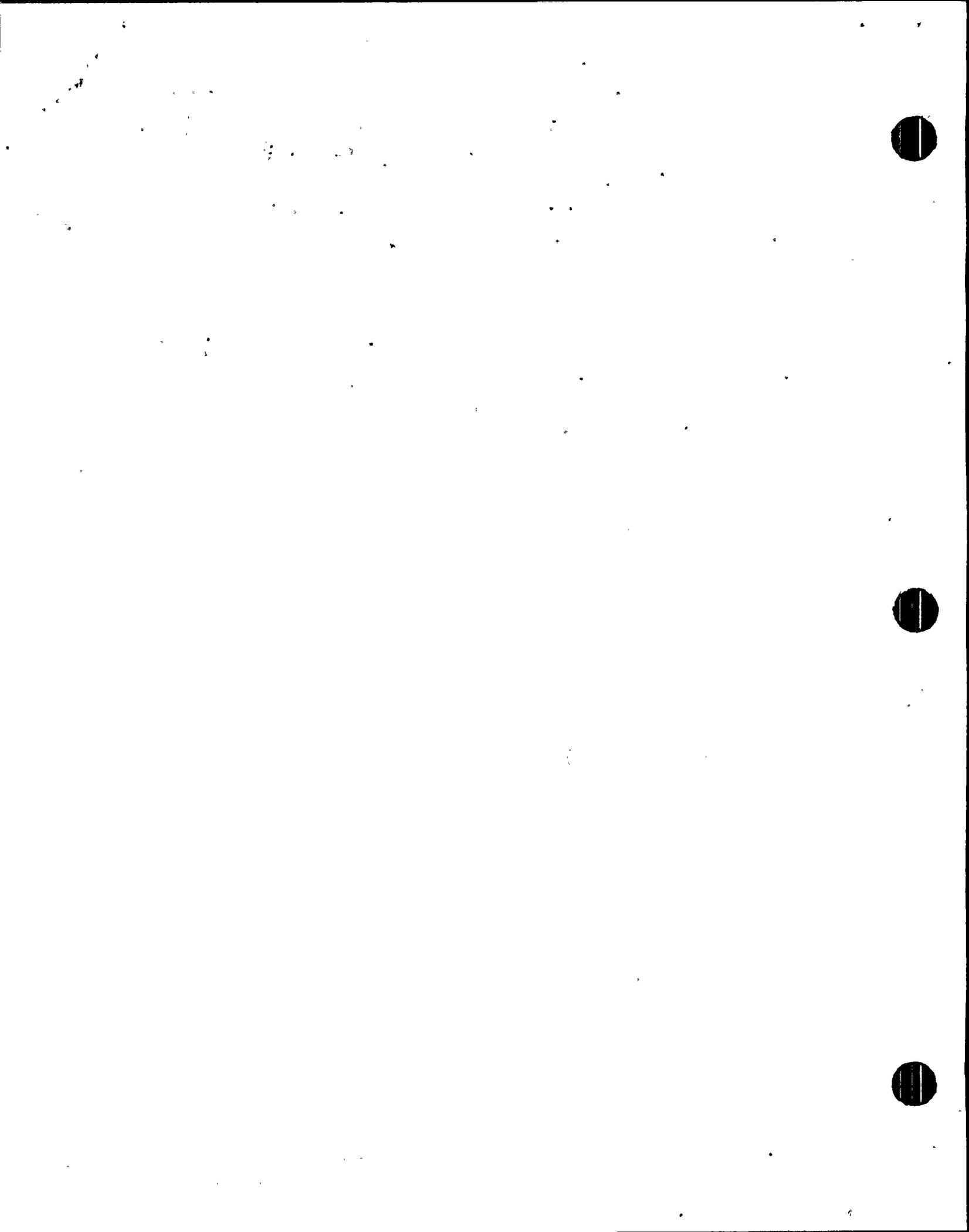
File Revision No. 2

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 70094
3. Date Reported to PG&E 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with previous RLCA categorization as a Deviation -
Further Verification Required

6. Program Resolution is:

7. Potential Program Resolution Report signed by Edward Denison (RLCA) on 820322
8. Signature: *RLCA* 820417 (Approved/Program Manager)



PROGRAM RESOLUTION REPORT

File No. 1025

File Revision No. 2

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 70096
3. Date Reported to PG&E 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation -
Additional Verification Required

6. Program Resolution is:

7. Potential Program Resolution
Report signed by Edward Denison (RLCA) on 820322
Type Name/Organization Date
8. Signature: *NE Coyle* 820417 (Approved/Program Manager)



PROGRAM RESOLUTION REPORT

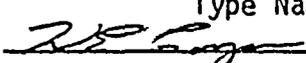
File No. 1026

File Revision No. 2

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 70097
3. Date Reported to PG&E 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on: the following documentation:

TES concurs with RLCA categorization as a Deviation -
Additional Verification Required

6. Program Resolution is:

7. Potential Program Resolution
Report signed by Edward Denison (RLCA) on 820319
Type Name/Organization Date
8. Signature:  820417 (Approved/Program Manager)

342 10/12



PROGRAM RESOLUTION REPORT

File No. 1028

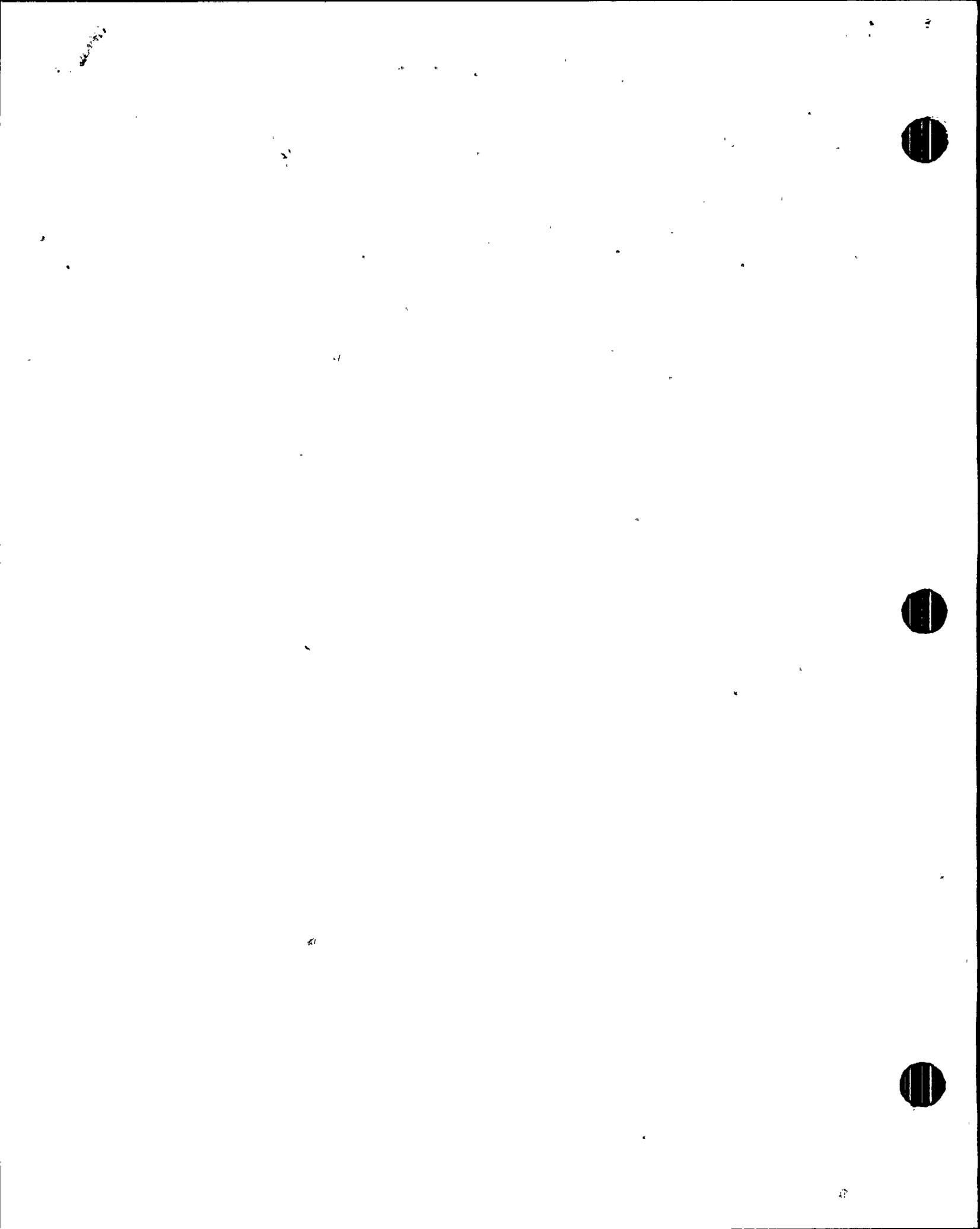
File Revision No. 2

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 70112
3. Date Reported to PG&E 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA that the URS/Blume Auxiliary Building Report should clearly define the method for combining torsion

6. Program Resolution is:

7. Potential Program Resolution Report signed by Edward Denison (RLCA) on 820322
Type Name/Organization Date
8. Signature: *R. E. C...* 820417 (Approved/Program Manager)



PROGRAM RESOLUTION REPORT

File No. 1031

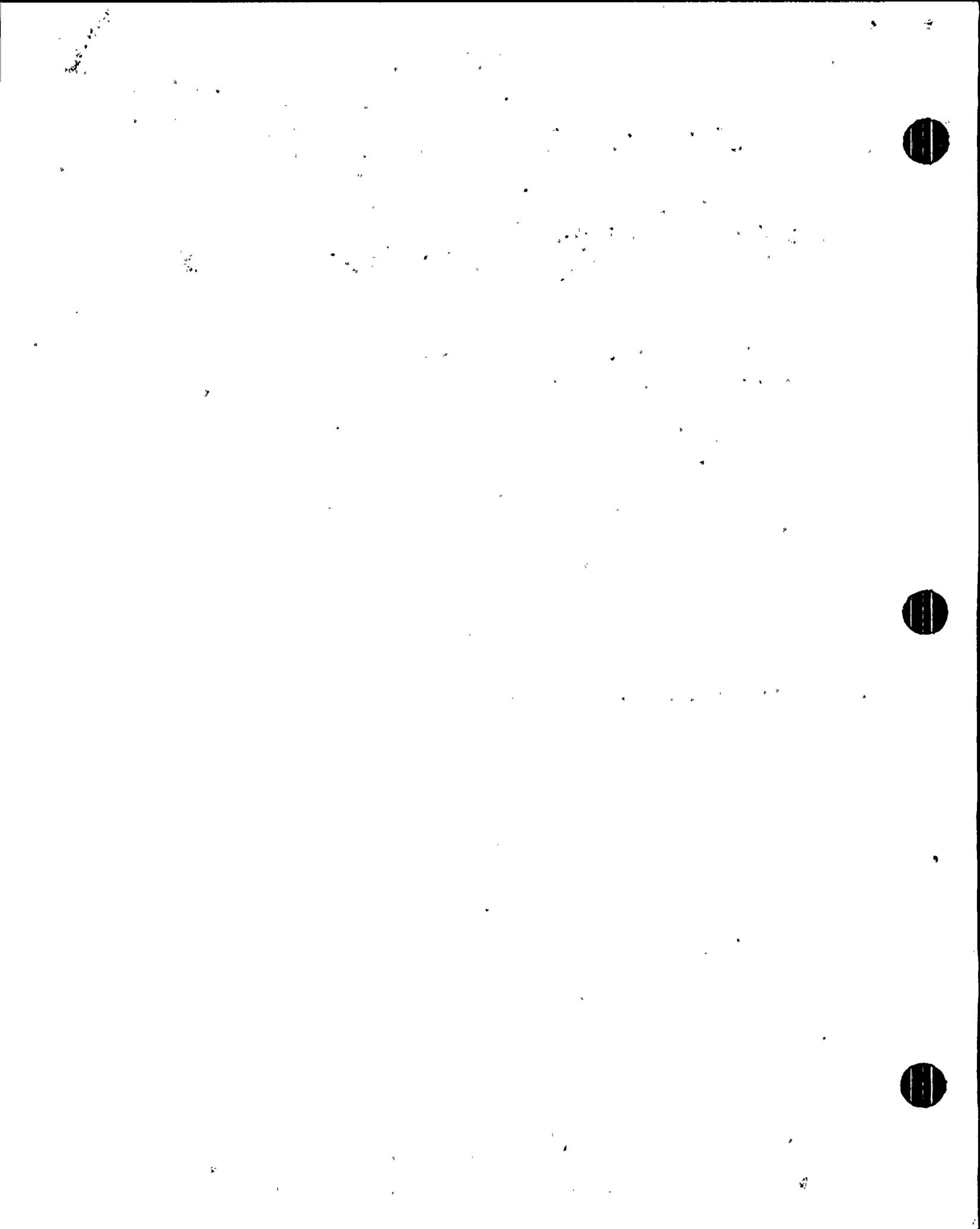
File Revision No. 3

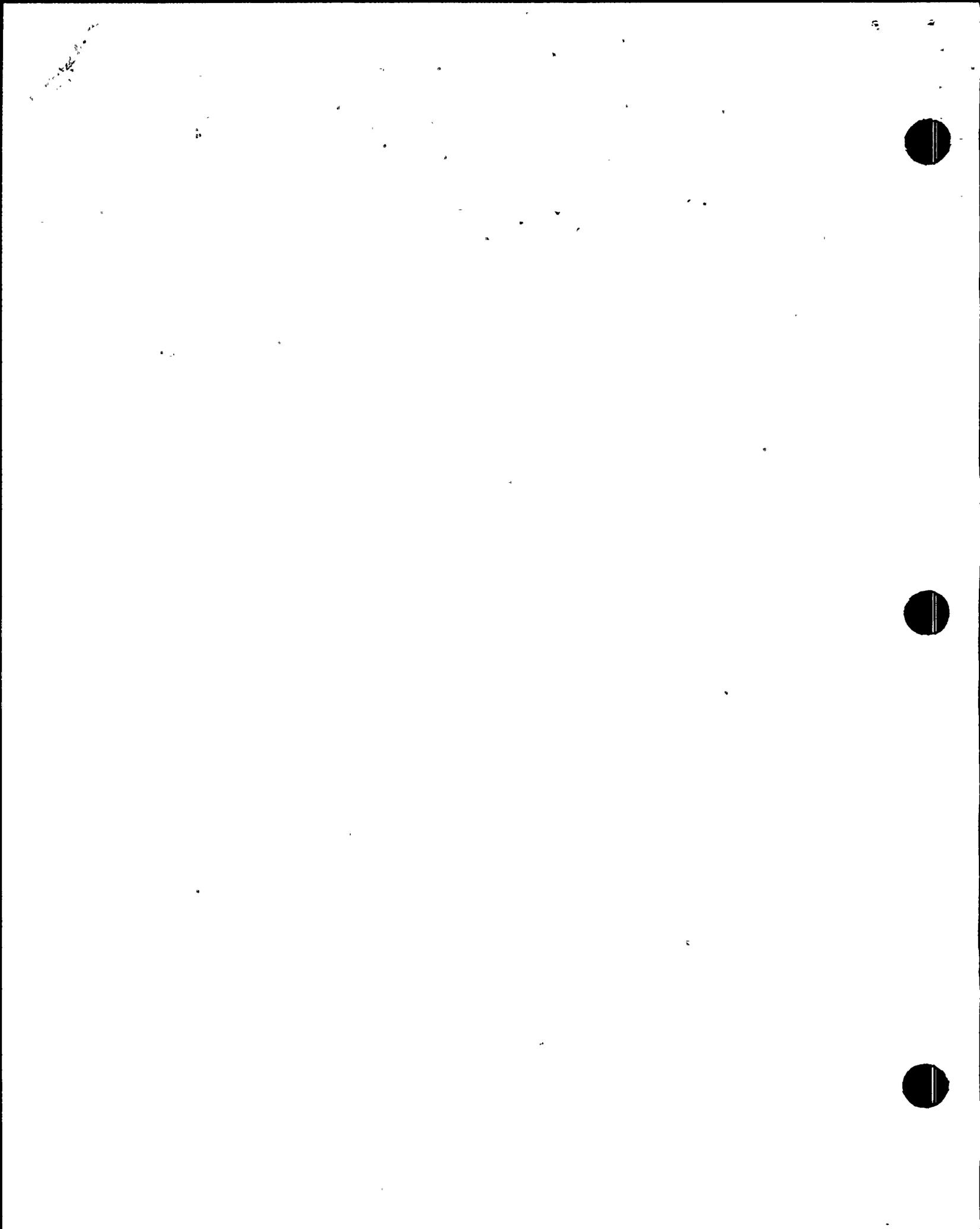
1. Resolution of an: Open Item: Class _____ Error _____
2. Independent Design Verification Program Resolution is as:
 - a. Closed Item
 - b. Deviation
 - c. Open Item with future action by PG&E: Task 70015
3. Date Reported to PG&E 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA Revision 2 categorization as a Deviation -
Further Verification Required

6. Program Resolution is:

7. Potential Program Resolution
Report signed by Edward Denison (RLCA) on 820323
Type Name/Organization Date
8. Signature: *R. E. Payne* 820417 (Approved/Program Manager)





PROGRAM RESOLUTION REPORT

File No. 1044

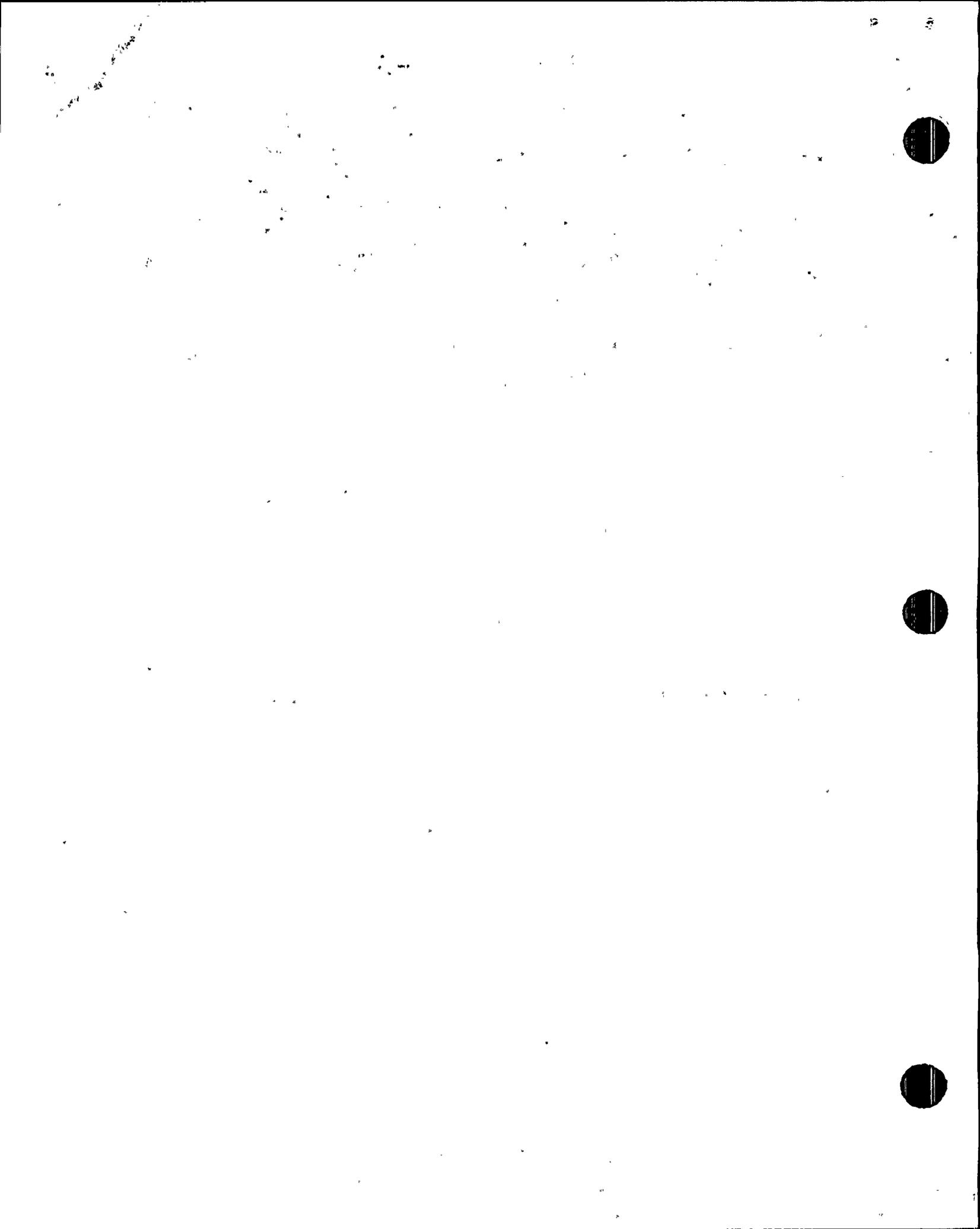
File Revision No. 2

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 70130
3. Date Reported to PG&E 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation -
Additional Verification Required

6. Program Resolution is:

7. Potential Program Resolution
Report signed by Edward Denison (RLCA) on 820322
Type Name/Organization Date
8. Signature: *W. L. G...* 820417 (Approved/Program Manager)





PROGRAM RESOLUTION REPORT

File No. 1053

File Revision No. 2

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 70139
3. Date Reported to PG&E 820421
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation.

6. Program Resolution is:

7. Potential Program Resolution
Report signed by Mr. Edward Dennison/RLCA on 820322
Type Name/Organization Date
8. Signature: *Edward Dennison* ⁸²⁰⁴²¹ (Approved/Program Manager)



PROGRAM RESOLUTION REPORT

File No. 1055

File Revision No. 2

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 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation.

6. Program Resolution is:

7. Potential Program Resolution Report signed by Edward Denison (RLCA) on 820319
Type Name/Organization Date
8. Signature: *R. P. Coy* 820417 (Approved/Program Manager)



File No. 1057

File Revision No. 2

IDVP COMPLETION REPORT

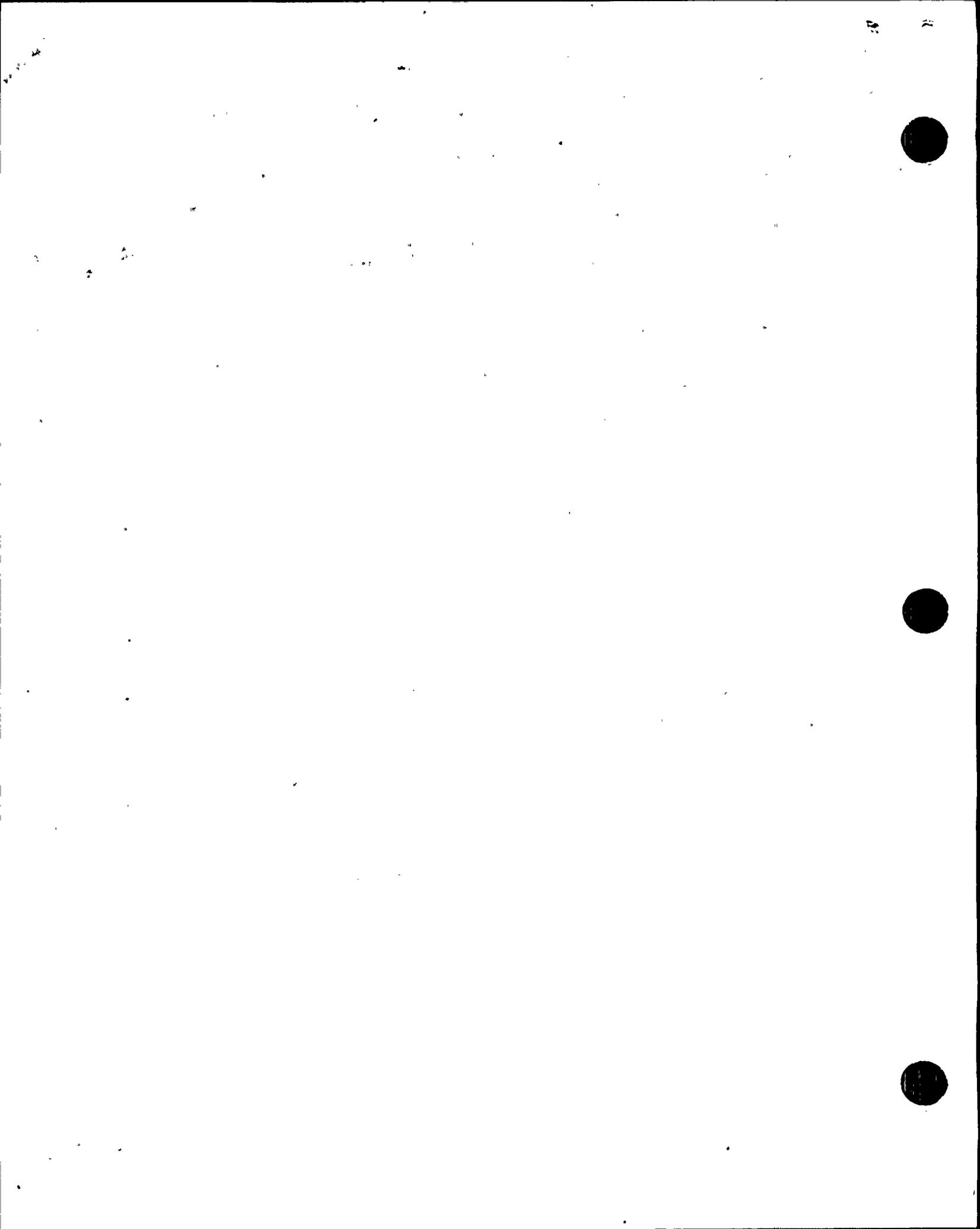
The DCNPP Independent Design Verification Program (IDVP) effort related to the above File Number is complete.

1. The action which completes the IDVP effort is:

File Revision No. 1 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. Coogan* 820417
Approved/Program Manager



PROGRAM RESOLUTION REPORT

File No. 1076

File Revision No. 2

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 820420
4. Scheduled for TES Semimonthly Report No. 12
5. Resolution based on the following documentation:

TES concurs with RLCA categorization as a Deviation.

6. Program Resolution is:

7. Potential Program Resolution
Report signed by Edward Denison (RLCA) on 820330
Type Name/Organization Date
8. Signature: *Ronald H. ...* 820417 (Approved/Program Manager)
for W. C. Cooper

