

TMI DOCUMENTS

DOCUMENT NO: TM-0635

COPY MADE ON 6/5/79 OF DOCUMENT PROVIDED BY
METROPOLITAN EDISON COMPANY.

PAH
Supervisor, Document Control, NRC

7906180657

228 281

~~BTIT~~ ~~11/1/78~~

THREE MILE ISLAND UNIT NO. 2
BURNS & ROE, INC.
FIELD QUESTIONNAIRE NO. 2513

PG 2 CLOSEOUT

DATE 3-30-78

1 SYSTEM Aux Bldg. H&V
SYSTEM STATUS:

MTX NO. 2

- TEST
- CONSTRUCTION

3 REFERENCE:

- 1 Flow Diagram or Engr. Dwg. No. _____
- 2 Elem. Wiring Diagram No. _____
- 3 P.C. or Specification No. _____
- 4 Other _____

0 QUESTION

PROBLEM:

SEE ATTACHED P.R.

1 Individual Initiating Question: Name T. HANKINS Organization GPU
0 GPU PRIORITY NO. N/A GPU TEST SUPERINTENDENT N/A DATE _____

5.0 ANSWER: Vendor Dwg. Change Req'd by UEGC Start Up Yes No

ACCOMPLISH ATTACHED ECM 5.5915

- 5.1 Proposed Change is Considered to be: MINOR ; MAJOR
- 5.2 Date Completed 3-30-78 B&R Engineer R.P.B.
- 5.3 Follow-Up Action req'd by _____ Yes by _____
- 5.4 Follow-Up Action Examination by B&R H.O. Approved
GPU TEST SUPERINTENDENT _____ DATE _____
- 5.5 Follow-Up Action on Major Item by B&R Authorized: _____
- 5.6 Follow-Up Action Completed: Date: _____ B&R Engineer _____

ECM 5-5915
PCN _____
FCR _____

COPIES:

- T. Barton W.T. Gunn C.P. Miller
- J. Toole R. Fentl D. Lambert D.T. English
- E. Wright R.W. Bensch S. Kakaria G.T. Barber, Jr.
- J.P. Cady, Jr.
- B&R Cop. Engr. Schubert 282

Receive on Closed out FQC only.

THREE MILE ISLAND UNIT NO. 2
BURNS AND ROE, INC.
FIELD QUESTIONNAIRE NO. 2513

Porc Approval
[Signature]
Page 2 of 4/3/78

6.0 Change authorized for hardware installation as follows:

Not mentioned safety question involves
[Signature] 4/5/78

RETEST REQUIRED:

YES

NO

(Give specifics if other than TP 250/2):

CPU Test Superintendent approval: *[Signature]*

Completion Schedule: 4-1-78

Work to be performed by

UE&C

MEC

6 Change completed and As-built information requested in section 5.0 provided below:

Work and retest described in ECM S-5915 is Complete.

3.0 Name: S. Kabala Organization/No. UE&C S/U Date 4/7/78
3.0 Vendor Del. provided to show changes: Name _____ Date _____
3.0 Approved By: *[Signature]* (B&R) Date: 4/11/78

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D. T. English

SYSTEM: Aux BUILDING H & V

IP NO. SP 2 MTX NO. 2

PROBLEM DESCRIPTION: During the conduct of SP 2 - FILTER TESTING

Bypass Damper AH-D-4020A leaked. This is unacceptable.

INSTALL A ZERO LEAKAGE Type Damper at this location. Also

INVESTIGATE the Bypass Dampers around the Fuel handling
filtering Filters (AH-D-5683, AH-D-5890)

BY: J.M. Lawrence

ORGANIZATION: GPA S/Y

DATE: 2-14-78

FOR RESOLUTION BY: Brownwell - BER

DATE SENT: 2-14-78

1 TMA - 2-14-78 Rec. 2/17/78 EPS

PROPOSED RESOLUTION:

Block off dampers per ECM S-5915

BY: DjRomy

DATE: 3-24-78

FOR ACTION BY: R J Toole

DATE SENT: 3-29-78

No further action

ECM S-5915 closed
out. FQ 2513

228:284

7.5. DAM-
7. SCHUBERT
7. DIAZ

ACTION COMPLETED
SATISFACTORILY BY:

J. M. Lawrence
DATE: 3-29-78

TMI UNIT NO. 2
 BURNS AND ROE, INC.
 ENGINEERING CHANGE MEMO
 (REV 12/75)

COST EST. \$500.
 B&R 1/17/78 DATE 3/24/78
 GPU 1/17/78 DATE 3/24/78

SERIAL NO. 5-5915
 DISCIPLINE HVAC/ELECT
 SUBJECT A.B.F.H. - BYPASS DAMPER
 ATTACHMENTS NONE

REFERENCES: PR 2646

F.O. 2042
 F.O. 2343

AREA:
 + FIELD SOLUTION

DISTRIBUTION
 UE&C
 JOB ENGINEER(2)
 GEN SUPT.
 SUPT. UNIT 2
 QC SPVSR.
 GPU
 ASST. PROJ. MGR
 CONST. ENG.(2)
 QA SPVSR.
 B&R
 SEE PP-74

CHANGE:

BLOCK OFF THE FOLLOWING DAMPERS ON EITHER THE UPSTREAM OR DOWNSTREAM SIDE WITH 18 GAUGE SHEET METAL MAKING SURE ALL JOINTS ARE AIRTIGHT: AH-D-5890; D5683, AND D-4020A.

IN TERM. BOX IT278Z LIFT AND TAG WIRE "4S" OF CABLE IT2782C. IN TERM. BOX IT3119 LIFT AND TAG WIRE "31" OF CABLE IT3120C. WIRES SHOULD BE TAGGED TO INDICATE THEIR REMOVAL PER THIS ECM.

DESIGNER APPROVAL _____ DATE _____

REASON FOR CHANGE:

EXISTING BYPASS DAMPERS ARE NOT LEAK TIGHT. A REVISION TO THIS ECM WILL EITHER SPECIFY THE ADDITION OF ZERO LEAKAGE DAMPERS OR PERMANENTLY REVISE SYSTEM TO DELETE BYPASS, DEPENDING ON GPU DECISION.

M. Pindor
1/17/78
 ENGINEER DATE

J. H. ...
1/17/78
 PROJECT ENGINEER DATE

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FOLLOW-UP ACTION
 REVISE SPEC. NO
 REVISE IAC. NO

ACKNOWLEDGMENT:

 UE&C - NAME

DISCIPLINE SUPERINTENDENT
 RESPONSIBLE FOR IMPLEMENTATION:

 NAME DISCIPLINE

POOR ORIGINAL

EXHIBIT A
TMI-008

TMI NUCLEAR STATION - UNIT #2
BURNS AND ROE NUCLEAR SAFETY REVIEW

ATTACHMENT TO:	PCN# _____	REV _____	DATE _____
	FCR# _____	REV _____	DATE _____
	ECM# <u>S-5915</u>	REV <u>0</u>	DATE <u>3/24/78</u>
	EDR# _____	REV _____	DATE _____

The TMI-2 plant design change, tests or experiments directed by the engineering document identified above, has been reviewed and found to involve the nuclear safety of the plant as follows:

1. Does it make a change to conditions as now described in FSAR? NO _____
YES ✓

[If "NO", delete #2, 3 and 4 and complete #5
If "YES", proceed to #2.]

2. Does it involve a system, component or procedure that is Nuclear Safety Related? NO _____
YES ✓

[If "NO", delete #3 and 4 and complete #5.
If "YES", proceed to #3.]

3. Does it result in a change to:
- | | | |
|---------------------------------|---------------|-----------|
| (A) Design Criteria? | NO <u>✓</u> ; | YES _____ |
| (B) Engineering Specifications? | NO <u>✓</u> ; | YES _____ |
| (C) Codes or Standards? | NO <u>✓</u> ; | YES _____ |
| (D) FSAR? | NO <u>✓</u> ; | YES _____ |

[If all four are "NO", delete #4 and complete #5.
If any are "YES", provide brief of each in #4.]

4. Brief statement of extent of change and its effect on existing probability, consequences and margin of safety (or creation of new safety or accident conditions) compared to FSAR. If necessary continue remarks on additional sheets and attach them to this form.

THE CHANGES IN THIS ECM ARE TEMPORARY, THEREFORE DESIGN DOCUMENTS DO NOT HAVE TO BE REVISED.
THESE TEMPORARY CHANGES DO NOT ADVERSELY AFFECT NUCLEAR SAFETY SINCE AIR WILL ALWAYS FLOW THRU THE FILTERS.

5. It is found that it does not adversely affect nuclear safety, therefore it is not an "Unreviewed Safety Question" (per 10 CFR 50.59).

D. R. Runkle
Reviewed
(Cognizant Engineer)

[Signature] 3/24/78
Approved
(Project Engineer) Date

If the statement of #5 is not true, do not sign this form. Return the entire package to Project Engineer who will convene design review conference with project personnel needed to complete further action.