

*File Cont. Purge*

MEETING MINUTES

*50-320*

Subject: TMI-2 Reactor Building Purge

Date: January 9, 1980

Place: TMI-2, Harrisburg, Pennsylvania

Present: GPUSC

MET-ED

OTHER

M. P. Morrell  
C. R. Montgomery  
G. Baker

B. G. Smith

T. Fritz (Bechtel)  
R. Seel (ALARA)  
G. Eidam (EG&G)  
T. Lazo (Bechtel)  
J. Tate (GAI)

Purpose: To update purge program task schedules and determine the progress being made to complete the tasks.

Action Required:

1. Baker - Write environmental monitoring description and provide to Heward for review. Due 1/25/80.
2. Montgomery - Place filter plenum heaters on order. Due 1/11/80.

Discussion:

1. The schedule for completing ECM 430 and for recommissioning all required HVAC systems is shown in the attached memo from Clay Montgomery.
2. The schedule for completing all work on HPR-219 and 229 is shown in the attached memo from John Brummer.
3. All materials have been received except for the HPR-229 nozzle and electronics. These are scheduled for delivery by 1/29/80.
4. All auxiliary building fans must be recommissioned prior to uncapping the stack. Due to replacement part delivery time, repair of the two fans out of commission may require up to 16 weeks. Firm repair/delivery times are being investigated by Clay Montgomery.
5. The GAI filter housing heating calculation is being checked by Bill Itschner.
6. Operator training is scheduled to start on 2/4/80, and should take two weeks to complete.
7. The purge procedure is still unapproved by the PORC subcommittee.
8. The attached memo from Gary Baker sets January 31 as the date for establishing the purge REMP program.
9. Due to changes in responsibilities within the Special Projects group, Tom Menzel, Jackie Tate, and Tim Fritz will be concentrating on problems other than the RB purge program. Therefore, all questions/information

concerning the purge ECM, purge procedure, purge system startup/test procedure, and other purge matters should be addressed directly to M. P. Morrell.

10. In order to avoid a schedule conflict, the next purge meeting will be held at 11 A.M. in the Trailer 105 conference room on January 23.

*M. P. Morrell*

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M. P. Morrell

MPM:gp

RB PURGE TASK LIST

JOB	RESPONSIBILITY	DUE DATE
1. Complete hookup of purge rate computer program.	Completed	
2. Submit purge request to NRC.	Completed	
3. Order and receive new fan and other materials.	C. Montgomery	January 29
4. Test purge program/computer hookup.	K. Woodard	January 31
5. Provide air sample and continuous radiation monitoring through R626.	Completed	
6. Provide control room-to-auxiliary bldg. communciation for operation of AH-V36.	J. Brummer	January 31
7. Write test procedure for startup/test of system modifications.	T. Menzei	January 14
8. Check operability of valve AH-V5.	B. Elam	February 8
9. Set up off-site monitoring.	W. Riethle	January 31
10. Calibrate stack monitor HPR-219A. Calculate and set HPR-219A alarm setpoint.	J. Brummer	February 8
11. Peplace charcoal and H <sub>2</sub> control purge train filter.	Completed	
12. Obtain approval for procedure to purge RB.	M. Morrell	January 31
13. Check calibration/recalibrate instruments: AH-RTD 5080; AH-FE 5080; AH-DPI 5087, 88, 89, 90; AH-DPS 5091; AH-DPIC 5058.	J. Brummer	February 8
14. Recommission auxiliary building and fuel handling building filter trains.	C. Montgomery	Later
15. Complete ECM modifications to system: 1. Replace fan. 2. Add gamma probe to filter housing. 3. Add AH-V7/fan interlock. 4. Add interlock to close AH-V3A & B on high RB pressure. 5. Add hand jog control for AH-V36. 6. Add fan trip on high HPR-229 reading or loss of power to HPR-229.	C. Montgomery	February 1
16. Uncap the vent stack.	C. Montgomery	Later

## RB Purge Task List

2.

JOB	RESPONSIBILITY	DUE DATE
17. Train operators.	P. Deltete	January 31
18. Modify HPR-229 to measure 1.0 $\mu$ Ci/ml Kr 85 and calibrate HPR-229.	J. Brummer	Later
19. Calculate alarm setpoint for HPR-229 and set trip point.	J. Brummer	January 7
20. Perform leak/operability tests for non-modified portions of system (includes leak test from AH-V25 to AH-V36 and valve/damper operability check).	Incorporated into Items 15 and 21.	
21. Test modifications in accordance with startup/test procedure.	S. Kakarla	February 22
22. Hook up TWG-AM-5 as a backup for HPR-219A.	J. Brummer	February 8

# METROPOLITAN EDISON COMPANY

Subsidiary of General Public Utilities Corporation

**Subject** Reactor Building Purge Radiation  
Monitoring Schedule

**Location** TMI

**To** Mike Morrell

**Date** January 4, 1980  
TMI-II-R-1213

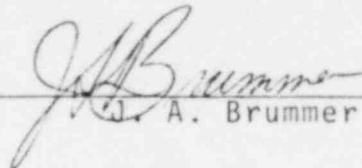
Based on not having the equipment or drawings from Victoreen on the modified HP-R-229 monitor, I am proposing the following schedule to prepare the Radiation Monitors HP-R-219 and HP-R-229 for the Reactor Building Purge.

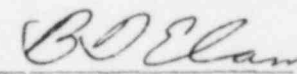
(1) HP-R-229 modification installation and communications for AH-V36 - to be completed the week of January 21, 1980.

(2) HP-R-229 calibration - this is to be done the week of January 28, 1980.

(3) HP-R-219 calibration - this is to be done the week of February 4, 1980.

In addition the week of January 14, 1980, I will work with J. Daniels and P. Ruhter on alarm setpoints for HP-R-229. If you have any questions, please do not hesitate to call. If any delays are encountered, I will inform you.

  
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J. A. Brummer

Approved:   
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B. D. Elam

JAB/BDE/tn

cc: D. E. Weaver  
File - 123  
Data Reduction File  
Central File

# Inter-Office Memorandum



Date January 8, 1980

Subject THREE MILE ISLAND NUCLEAR STATION  
STATUS, ENVIRONMENTAL MONITORING SYSTEM FOR UNIT 2 PURGE

To M. MORRELL

Location TMI

Acquisition of the environmental monitoring system that will be utilized for the REMP program for Units 1 & 2 as well as the Units 2 containment purge is near completion. A purchase order was issued to Panasonic on January 4, 1980, with delivery date on the TLD's to be within the next week. This will allow us to meet the target date of January 31, 1980, for infield location of the detectors.

Although the reader and auxiliary equipment will not be delivered until the end of January or the first week in February, Panasonic will lend us a reader and assistance in readying the system for field testing, well in advance of the proposed containment purge.

Further details, beyond the selection of monitoring sites, are presently being worked up and should be completed within a comfortable time frame. As this information becomes available, we shall keep you informed and present a full detailed presentation under another cover.

If I may be of further assistance, please let me know.

A handwritten signature in black ink, appearing to read "GGB", with a long horizontal line extending to the right.

G. G. Baker, Ph.D.

GGB/klt

cc: W. E. Riethle  
J. R. Thorpe