



Interoffice Communication

To Distribution

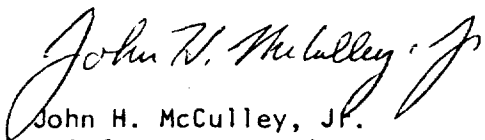
From J. H. McCulley, Jr.

Date May 7, 1982

Subject EPA VCM Standard Information Exchange Meeting

A PVC plant VCM standard information exchange meeting will be held in Aberdeen on Friday, May 14. The meeting agenda is attached.

You will note that the agenda seems impossibly long. Hopefully a number of the items listed can be covered quickly. It is important to cover all the items under the relief discharge prevention heading. If necessary, some of the items may best be resolved in another meeting.


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pjc

Enc

CC:

JF:CRM:PEM:RAF(2):SJV

RAC:AWS:JPW:JH:JL:RJR

File P-47.2

DTH 000070893

EPA VCM STANDARD INFORMATION EXCHANGE MEETING

- Objectives:
1. Discuss prevention of VCM relief discharges.
 2. Discuss controls in other areas of the standard as time permits.
 3. Share information. To this end I am designating a plant to take the lead in discussing their controls in each area. The other plant's representative would then discuss their differences, if any.

Meeting Date: May 14, 8:00 a.m. at Aberdeen

PROPOSED AGENDA

1. Relief Discharge Prevention

8:00- 9:30

A. Rupture Discs

- UEM - RAE ABD*
- PED
- RAE ABD*
- OKC
- OKC
- OKC
- OKC
- PED
- PED
- PED
1. Review recent history of premature failures and suspected causes.
 2. Potential causes for premature disc failure.
 3. Ordering specifications.
 4. Preinstallation testing and inspection.
 5. Installation--procedures, gaskets, tail pipe support.
 6. Post installation testing--hydro test, visual.
 7. Testing after removal and review of recent results.
 8. ☒ Plan for analyzing discs that fail prematurely.
 9. BS&B's new Energy Absorbing Disc.
 10. Future testing plans.

*BS&B
OBJECTIVE
INSPECTION
STANDARDS
JPW
JAM*

*REPEAT
TORQUING
WIRE*

*MAINT. TO
DISPOSE
OF RUPTURE
DISCS AFTER
POST TESTS EXHAUSTED
WHEN PREMATURE*

1. Relief Discharge Prevention (Continued)

9:30-10:15

B. Relief Valves

PED

1. Potential causes for valve opening below set pressure or remaining open too long.

RAF

ABD

2. Reactor relief valve relief experiences.

DLM { JPW
JPW

ABD

3. Installation.

ABD

4. Testing.

10:15-11:30

C. Process Upsets that can Cause a Relief Discharge

OKC

OKC

} CRM

1. Known causes.

PED

3. Proposed additional controls.

VEM

ABD

4. Status of and plans for reactor level alarm study.

11:30- 1:00

D. Emergency Killing

OKC

CRM

1. Experience with AMS system including fouling of top head port.

CRM & PEM

ABD

2. Experience with NO system.

OKC

OKC

} PEM

3. AMS quality control.

4. Testing emergency kill system.

1:00- 2:30

E. Emergency Procedures

OKC

- PEM

1. Power failure.

PEM & CRM

ABD

2. Loss of instrument air.

OKC

PEM

3. Loss of agitation.

PEM & CRM

ABD

4. Loss of cooling.

CRM

ABD

5. Fire.

OKC

PEM

6. Severe weather.

CRM

ABD

7. Manual venting of a reactor to the atmosphere.

PEM & CRM

ABD

8. Equalization between reactors.

DTH 000070895

I. Relief Discharge Prevention (Continued)

2:30- 3:15

F. Auxiliary Systems

VLT { ABD
ABD
ABD

1. Backup power.
2. Backup instrument air.
3. Backup cooling water.

3:15- 3:45

G. Training

PEM ABD

OKC

OKC

JPW ^{BUTCH}
^{NASH}
→ 24 H
RAF & DLM

1. Operators--emergency response.
2. Rupture discs--mechanics.
3. VCM standard in general.

3:45- 4:00

H. Incident Investigation

PED

OKC

PED

RAF

1. Immediate--Try to find out what really happened, accurate calculations. → ABERDEEN & CHAS. HAVE BEEN DETAINED
2. Delayed--Importance of good filing system. (NOTES IN MARGIN CAN BE CONSIDERED SEPARATE LETTERS. REDUCE COPIES IN CIRCULATION → ROUTE & MEMOS TO FILE - (HANDWRITTEN OK) - IMPORTANT. WRITE THEM
3. Guidelines for making and evaluating suggestions. RETURN TO CENTRAL FILE.

II. Other Items

4:00- 5:00

VEM

PEM

JPW

VLT

- A. Sampling Reactor Slurry
- B. VCM Valve Leakage
- C. Pump Seals
- D. Incinerator Operation

TURNNION MOUNTED
BALL VALVES - JAMES RORY
VALVES THAT WE HAVE ARE NOT
FIRE SAFE

NEED TO
KEEP ALL
BATCH SHEETS
STRIP CHARTS
ETC.
J. CAREFULLY.
HAVE SUMMER
ENG. GATHER DAILY.
THROW AWAY
THOSE MORE THAN
3 YRS OLD?