

TMI DOCUMENTS

DOCUMENT NO: TM-0671

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

RH
Supervisor, Document Control, NRC

722 001

7909140578

5

CI-~~87~~
Brunner

INCIDENT MESSAGEFORM

Call to Air ~~way~~ Service
CONTROL NO. C 1

TO: Site Energy 709 ~~v. area C data~~
FROM: Gen Energy 744 645
720

INFORMATION UPDATE relay message to Mary Jo on opening
 ACTION UPDATE switchboard @ 745

5:50 AM Wed

Ron Warren from site

Dome monitor believed to be saturated
" " above

60 R/hr in 4" of lead (maybe steam saturated environment)
may be 6000 R/hr

100 mr @ GM tube unshielded lower in Contain

Outside ~~the~~

Ques - Wind Dir? - fr. 90° cyclone down to 80° 2 mph
Indication of Primary Coolant leak?

Outer monitor - Reading full scale > 100 mr/hr 365 Elev on D Ring

POOR ORIGINAL

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

INCIDENT MESSAGEFORM

CONTROL NO. C 2

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

Sub 100

POOR ORIGINAL

B Gen

Leak Primary to secondary
Monitor came up
Avg Bldg exh trapped
40,000 cfm

At site boundary down wind - $T_{131} < 6 \times 10^{-10}$

under 859

Press Primary 1400 psi
Temp. can't tell - ~~the~~ not getting proper flow to
Core not being cooled is a concern
This vapor lock in loops

Hi Press Injection - 250 gpm flow
stated our team left @ 845 to arrive at site ~ 10 AM

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 003

INCIDENT MESSAGEFORM

CONTROL NO C3

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

103 AM

Ron Warren - maintaining open line

7:09

This had water in instru lines

Trip ^{cause} ~~is~~ ho of feed water

Ques? Did they experience a power spike at time of incident?

instrument Air was flooded out 'dryers full of water' are blown down once / shift
K: the coming down

7:10

What is containment pressure? now 4 psig

Any Safety Valves open? Stm line safeties are closed - appears code safeties not

Steam Gen level? 44% A 66% B

Any water going into Stm. Gen. isolated

Containment Spray? Not operated or actuated

7:18 A

How long SI operating? when Start?

INFORMATION PROVIDED BY (SOURCE):

DATE:

TIME:

722 004

INCIDENT MESSAGEFORM

CONTROL NO. C-4

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

0920

~~0920~~ Containment drain TK 'Rulture diss' ruptured

Kunder on with Haverkamp discussing units

0945

Kunder

HP Quas

Site not evac < 1 mi. on site

Day shift people mostly at observation

No off site problems - are monitoring, state police & state involved

Environmental - only measure a little I downwind

* 9:53 A

What is primary System? Res 200000 Temp { 571° }
TKs not right

operating floor by lucore 10 R/hr

Bridge Monitors - pegged

Out side by access Hatch 100 Mx

10:08 AM

Dome

6000 R/hr

TKs not st.

140 uci/cc

Water PC

gross BT

I GEB East

5.25×10^{-9} uci/cc

WSW

1.24×10^{-8}

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____

TIME: _____

INCIDENT MESSAGEFORM

CONTROL NO. C5

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

Kunder
10 15

Still injecting
Have Primary to Secondary leak in 5th Gen, 45% LV
Using A Gen for cooling

10 22
10 17 Note Gallina called fr. site
Kunder took car number and will have communication
reestablished from unit 1. Having to don mask
and leave telephone.

35 AM call from site
Bubba Bubba 944-6523 called from Unit 1 to
Marshall reestablish communications

Dave
Smith, Unit 1 operator
10 45 AM Ques? Update of RCS Temp 220° Press 1950

10 54 Don Neely manning phone
U-2 Control room reported. 10-7 air activity

10 55 Higgins Trying to cool down using A 3/8 using
dumps

INFORMATION PROVIDED BY (SOURCE) _____

DATE: _____ TIME: _____

INCIDENT MESSAGEFORM

CONTROL NO. 26

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

055

Higgins

Possible bubbles in both RC pump legs

BWST 142,000 gal
37' left in tank

Cont. press 2 psi decreasing

Press > 400"

Plumley holding line open

11:00 AM
Greg Harty

Still feeding A Gen & using dumps

Gillies

Wind shift @ ~ 10:38 AM (may be fr. Sou)

Ventilation system isolated in Unit 2

Higgins & Neely to U-2 CR using respirator

10⁻⁷ uci/ml unidentified I

11:00 AM
717-444-4041
ext 203
291
Shift Super
Office
U-1

Nimtz

Providing
Northside GE2
GE1

INFORMATION PROVIDED BY (SOURCE):

DATE:

TIME:

1. ADDRESSEE

722 007

INCIDENT MESSAGEFORM

CONTROL NO. C 7

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

North Parkens	3 mi/hr	10 AM
Containment Base	50 mi/hr	
West corner	I < min detect	905
SW " GD9	I 5.25×10^{-9}	< 1 mi/hr
East perimeter GE4		1057 AM 7 mi/hr
WSW " GE-5		1102 AM 2 mi/hr
Goldboro	I 10^{-9}	0900 AM
	I 10^{-8}	042 AM
WJA	I 10^{-10}	
Across River	I 10^{-9}	115A
Primary	using gen survey instr & Glass bottle	11AM ~ 200 mi/hr

Galina
11:5 AM

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 000

INCIDENT MESSAGEFORM

CONTROL NO. C-8

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

FA Primary ~ 72 u/ml

Higgins U-12 ^{Galina} ¹⁰⁻⁷ Vent not operating
Galina (Primary Control Ct being set up in U-1

Goldboro I 9AM South
1.24 x 10⁻⁷

9:40 AM North of Town
1.17 x 10⁻⁸

3 m/s 11 AM Observation Ct. east of island down river

Galina Ventilation Stable
I 131 17 u/ml
133 33 u/ml

11:23 RC [Total 130
I. R. Zc.
Zc 566

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____

TIME: _____

722 007

INCIDENT MESSAGEFORM

CONTROL NO. C-9

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

Galina
11:35 AM

AT Aux Boiler NE of U 1 1100 AM
I 1.76×10^{-9} uci/cc

Wind Direction

GE 4 Air I 2.8×10^{-7} uci/cc

Nimble
11:35 AM

1 AM Wind 270° W 1 mph Δ to 4 mph
now 1 mph

9:50 AM Wind Δ to 140° to SE 2 mph

11:05 AM Wind Δ 270° to 90° 2 mph

GE-4 I east of Rx Bldg 11:28 AM perimeter
 2.84×10^{-7} uci/cc

primary to secondary leaks
releasing to Atm

1:46 AM

Ths have release under control / superintendent

INFORMATION PROVIDED BY (SOURCE):

DATE: TIME:

INCIDENT MESSAGEFORM

CONTROL NO. C 10

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

11:40 AM
Pleumley

Air intake to U-2 is east of Aux Bldg
U-1 Ventilation is now normal in Aux Bldg

11:45 Galina

Containment Press?
HPCI status?

6 { Wind Δ now Fr. 150° to 330°
@ 6 mph
11:47 AM

I GE 5 SE
7.8 x 10⁻⁸ uc/cc

11:04 AM

11:53 AM
Margaret Riley

State, wants to block off Hiways Bldge Pa
Rt 441 Middletown to Bainbridge Pa
To take samples only at this time

11:56 AM 1.5 Psig kx Cont. Press
Unit 1 is in hot std by

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 011

INCIDENT MESSAGEFORM

CONTROL NO. C-11

To:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

~~12:20 PM~~

Baumgard (for Seilinger)
Pressurizer is full, th have bubbles in
str. gen.

Primary 2000 psig
Concern with potential for another release if
reliefs blow

Ray Smith -
944

Mike II "ux Hg Response Ct
Galina U-2 Rx 576 psig
12:43 AM Getting ready to flood

32' BWST

Rf. Cont = 3 psi increasing

Airborne prob in U-1 8×10^{-8} uc/cc

Observation Ct 3 m/s/hr

Wind is A

Rt 441 blocked Burnbridge to Middletown

INFORMATION PROVIDED BY (SOURCE):

DATE:

TIME:

INCIDENT MESSAGEFORM

CONTROL NO. C/2

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

Ray Smith
3:45 PM
12:45
Quar. How are going to cut in. RHR?
They will call us on
337-5362 from Observation 367-0518
center

Plumbly
1:55 PM Fence readings
East side 5 m/s/hr 60 to 80' from pipe
outside bldg wall Aux Bldg U-2
West side
Water in U-2 cooling towers no activity
Plume area 20 m/s/hr ground level
the atmospheric dumps (using E120)
Are measuring air borne activity in Harrisburg
per (Gershky?)
Shutting down atmospheric dump

INFORMATION PROVIDED BY (SOURCE) _____

DATE: _____

TIME: _____

1. ADDRESSFF

722 013

INCIDENT MESSAGEFORM

CONTROL NO. C 13

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

Galina

Rad readings on uncalibrated instruments

Market St 1 mi.

Harrisburg 5 mi.

Turnpike 25 mi.

GM meter .3 mi/hr

1:20 PM Plumley going off site to obtain good Rad data

Glinkler on fr. Hq

1:48 PM
1:56 PM
1:58 PM

Helicopter readings Conh

Croffort Station < 1 mi/hr

Airport < 1 mi/hr

Hills Is (North) < 1 mi/hr

Stm Dumps closed
Reading appear to be going down 2-4 mi/hr

3:35 PM To Galina Ques What is status of Pressurizer Relief Valves? Closed

INFORMATION PROVIDED BY (SOURCE):

DATE: TIME:

1. ADDRESSEE

722 014

INCIDENT MESSAGEFORM

CONTROL NO. C 14

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

1:45
Galena

RC has 500 (Temp 250?)
RHR will be initiated @ ~ 350 psig
Rx Cont. 1.2 psi

Air Sample

Eastern 1.7 x 10⁻⁹ Site B
Site Boundary

11:48 AM

1348 hrs 300 ft above Containment 20 mph
by Helicopter

59 Galena

Unit I Control Room

Unit 26 X MPC unidentified Gross
9 X MPC 1131

Unit 11 X ~~MPC I~~ MPC I

34 X MPC unidentified particulates

Unit I CR
1.02 X 10⁻⁷ I

9.4 E⁻⁸ Particulate

INFORMATION PROVIDED BY (SOURCE):

DATE:

TIME:

722 015

INCIDENT MESSAGEFORM

CONTROL NO. C 15

TO:

FROM:

INFORMATION UPDATE

POOR ORIGINAL

ACTION UPDATE

2:10 PM

Off site at ~~site~~ boundary

GE-2 3 Mx/hr @ 1355 hrs

(North gate) I $5.98 E^{-9}$ @ 12 Noon

400' above U-1 Cooling Tower - 10 Mx/hr 13:30 hrs

West Warehouse 2-3 Mx/hr No time

GE-4 @ 1333 hrs < 1 Mx/hr

East Island I $1.79 E^{-9}$

GE-5 11:04 hrs 2 Mx/hr

SE I 7.8×10^{-8}

South of Island < .1 Mx/hr

North Parking 15 Mx/hr @ 1350 hrs

@ 2:14 PM Wind due North @ 10 mph

U-1 Control 1.06×10^{-7} particulate sec/c @ 1352

2:15 PM I @ North Gate 6.8×10^{-7}
sample just off counter

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 016

INCIDENT MESSAGEFORM

CONTROL NO. C-16

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

2:30

Galina
The release for Aux Bldg floor drains

10 R/hr

1-2 R/hr in area of Aux Rad Waste Control panels

All U-2 drains are full
- Will dump neutralizing waste to (U-2) to misc of U-1, Will both run floor
Will pump Aux Bldg floor to U-2 neutralizing tank and misc (U1) waste tank

2:45
Sandy

Lower
No water now coming for containment the none since 4 psig isolation

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____

TIME: _____

722 017

INCIDENT MESSAGEFORM

CONTROL NO. C-17

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

Calina 2:50 PM

CR Activity U-1

4.67×10^{-7}

I @ 1400.

5.6×10^{-8}

I @ 1432

7.38×10^{-8}

Middletown 1445 hrs < 1 mi/hr
Swimming Club

2:55 PM Status: U-2

550 Th

200 Tc

450 psig

} Nat circ. cool down
3°/hr estimate 16 to 18 hrs
to Go to RHR

Going on decay via BWST

Suction for BWST thru RHR pumps & recirc.
Open TAC. 1 2 & 3

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____

TIME: _____

722 010

INCIDENT MESSAGEFORM

CONTROL NO. C-18

TO:

FROM:

INFORMATION UPDATE

POOR ORIGINAL

ACTION UPDATE

at 3:00 PM lost site communications
HITE Shift Supv

Cooling down 3°/hr currently 450 psig
interlock 420 psig

3:30 PM

Lv —
Press —
Flow —

Not cooling down using Steam Gen

~~Now~~
Make up pumps to 16 valve to Ref
Pressurizer level ~ 166" periodically cycling electro-
matic relief.

* Survey
1534 hrs 30 mph @ North Gate

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 019

INCIDENT MESSAGEFORM

CONTROL NO. C 12 19

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

Galina	Middletown	3.5×10^{-9}	uci/cc	I
1403 hrs.	"	1.22×10^{-8}	uci/cc	I
1427 hrs.	"	1.43×10^{-9}	uci/cc	I
1458 hrs.	"			

70 m/s/hr Northgate (Going to ch instrument)

Rx Bldg 0 psig
 3:45 PM Pressure = level 170"
 " Temp. 460°
 " pressure 450 psig

600hr Northgate < 1 m HP site

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 020

INCIDENT MESSAGEFORM

CONTROL NO. C-~~20~~ 1920

TO:
FROM:

POOR ORIGINAL

- INFORMATION UPDATE
- ACTION UPDATE

Tape #11

4²⁰₇

In-core temps - unavailable (computer or sensor problem)

Core FD Tks floating on core; slide in at 6cc
Th. 590; other pegged + level decreased
Pr3. 175" (solid)

U-2 feels no boiling in core

Wind due North; no change since last indication

4³⁰₋

Opening EM RV to depressurize

4³⁵₋

Phone Xfer to U-2 CR started

4⁴⁵₋

" " complete

Press. 450-500

Continuing normal letdown + EM-RV opening
1209pm. in term. Hentley.

INFORMATION PROVIDED BY (SOURCE):

DATE: _____ TIME: _____

722 021

INCIDENT MESSAGEFORM

CONTROL NO. C-21

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

With EM-RV opening, lowest press
450 #.

4:50
P

Bled thru 1d @ 120 gpm. - Nat. circ.
cooldown thru "A" S.G.

5:05
P

Working on getting up max. cond vacuum.
Starting to draw vacuum
Confident no bubble in "A" S.G. loop
Press. 650 # - continuing L.D.
Prz. 400 " coming down

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 022

INCIDENT MESSAGEFORM

CONTROL NO. C 22

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

5⁰⁷ PM Higgins @ site U-2.

5²⁰ PM Higgins Starting to Shim A to Condenser
Pressurizes 400"

Press. 650 psig
B loop 650°-700° } TKs
C - 225° } Not dependable
Hot leg A 570°-580° }

Still feeding with make up pumps
Letting down with electromagnetic reliefs

5:25 PM NRC at site
@ U-2 Banach, Bailey, Nimoy, Higgins, Smith
U-1 Gallina, Plumley

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/28/79 Wed TIME: _____

722 023

INCIDENT MESSAGEFORM

CONTROL NO. C. 23

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

5³⁰ PM

1615 hrs 50 Mt @ Northgate

Higgins
5:48

A steam gen valve not opening - not steaming
Bleed valve for air to condenser
Are investigating why valve not opening

Higgins
5:50 pm

A steam gen - started steaming - using turbine bypass
valve to condenser - indication of level
drop / temp. change in steam gen.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/28/79 TIME: _____

722 024

INCIDENT MESSAGEFORM

CONTROL NO. C24

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

Higgins
6:00 pm

Continuing cooldown

A loop 548 TH ~~TH~~ TC

Filling pressurizer - going solid to collapse
all bubbles.

@ 900 psi - going to 2000 psi

BWST - 23 feet

Higgins
6:15 pm

RCS pressure - 1100 psi
TH 555 TC 300 A loop

B loop - Still has a bubble 650-700 TH

200°F TC

Condenser vacuum = 57 in Hg.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3-28-79 TIME: _____

722-025

INCIDENT MESSAGEFORM

CONTROL NO. C 25

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

Higgins
6:35 pm

RCS pressure @ 1800
TH 570 TC 220

POOR ORIGINAL

Nesely
6:50 pm

Radiation level in U2 Control Room
at 4 m/hr @ 4 PM at 1 m/hr now

Higgins
6:52 pm

RCS pressure @ 2300 psi
Bubbles still in B loop

A loop 560°F TH 320°F TC
100,000 #/hr condensate flow in B steam gen.

A steam gen - ~~top~~ = 50 psi

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/28/79 TIME: _____

722 026

INCIDENT MESSAGEFORM

CONTROL NO. C 26

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

*Baynaal
715*

A loop Temp

B loop

Pressurizer Temp

" level (Solid)

Pressure _____

Pressure _____

Pressure :300

T_{hot} 560°

T_{cold} 360° B 220°

T_{hot} 557°

T_{cold} 380° B 240°

Stm Gen B 180 psig

" " A 20 psig

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 027

INCIDENT MESSAGEFORM

CONTROL NO. C 27

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

7²⁰ PM

BWST @ 22'

Stuning

A loop ΔT decreased

Rx Pressure 2300 Increasing Temp with heaters

-0.2 psig

Smith

2nd system act. @ 4 PM

Gross $\beta < 10 \times 10^{-5}$ cc/ci/ml

No update on primary coolant
last stm. generator samples taken this AM

7³⁵ PM

Bumped Rx Coolant Pump
will wait 15 min & pump again or run
stm gen press up to 200 psig
10 sec bump

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 029

INCIDENT MESSAGEFORM

CONTROL NO. C 28

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

T
12
5

7:45 PM
Smith

Plans are to restart RCP and leave on.
RCP started in A loop

7:48 PM

Presg. Press. 1200 psu steady
Both A&B Stm. Gen. 350° presg 100 psig
Pssr level - high

Bannock
8:19 AM

T cold ~ 320°-340°
Fuel Temp 611° to 254°
Maintaining ^{U2} Vac off U-1 Aux Boiler
Flows look good

Bannock
8:16 PM

Stm Gen 100 psig Both Tc's 340°
Pssr Press 1300 psig
Pssr Temp 519°
Vac going down

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 029

INCIDENT MESSAGEFORM

CONTROL NO. C 29

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

Bounced
8:17 PM Aux Boiler back & Vac. ok
Accumulators ~~is~~ ^{51 lbs} ~~is~~ valves are open
& breakers racked out

NRR Team to TMI - 3/29 AM arrival

Dick Vollmer Team leader Eleanor Adamsan
Carl Berlinger Hans Chierling
Gary ~~Mat~~ Mazetis
Frank Arne
Matt Chirmal

to contact Keimig or delegate

Letdown 60 gpm charging 30 gpm

8:40 Tcold 320 1180 prg 520 prg T
prg still pegged high - steady indication
Aux boiler 45# and going up - no condenser
vacuum problems

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 030

INCIDENT MESSAGEFORM

CONTROL NO. C 30

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

Salem is providing HP Chem Supervisor,
Foreman, two Techs, a SAM-2 and a barrel
of equipment to TMI

9:00
pm

All plant monitors are off scale

9:10
pm

Stohr & Kottan set up at observation site

9:15 TC 310°, P₂ P=1050 psig, 30" Hg vacuum
P₂ T=520°, No T_H Tare below scale

9:32 P₂ 1025 psig TC 310°F Tp 530°F

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 031

INCIDENT MESSAGEFORM

CONTROL NO. C 31

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

Aug Bldg ventilation on - monitor pegged
Reactor Bldg Area Monitors

9⁵⁰ pm P_{RR} 1000 psi T_C 305 F T_{RR} 535 F L_{RR} ^{pegged} ↑

10⁰⁰ pm P_{RR} 957 psi T_C 302 F T_{RR} 537 F
8°/hr cooldown rate P_{STM GEN} 50 psi

10⁰⁴ pm Visible level reported in p_{rr}

10²⁰ pm P_{RR} 955 psi T_C 300 F T_{RR} 539 F

10³⁷ pm tried spraying p_{rr} level stopped and are continuing
came up, so they cooldown

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 032

INCIDENT MESSAGEFORM

CONTROL NO. C32

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

10⁴⁵ pm Bannock -- sequence of events -- preliminary info
feed problem → feed pump trip → turbine trip → reactor
trip on high pressure in 30 sec; aux feed came
on; reliefs on S/G lifted & cooled down primary
within 2 min, safety injection started from low
pressure; blew rupture disc on prg relief tank
large release thru electromatics; within 8 min
down to 1400 #; prg filled; steam in
reactor hypothermized; 2255 psi was max
primary system pressure; 4.2 prg was max pressure
in containment

10⁵³
10⁵⁹

Tc 299 F Pr3 945 psi Pr3 T 543 F
Aux bldg vent is thru particulate & charcoal
filters

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722-033

INCIDENT MESSAGEFORM

CONTROL NO. C 33

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

11:00 pm RCS cooldown stopped / lost letdown flow
R Smith understands all waste tanks on site
are full, complicating water handling problem
200 - 225,000 gallons are estimated.

11:17 still no letdown

11:27 296 Tc Pr3 978 psi Pr3T 546 F
Pr3 Lvl ~ 85% / heaters secured

11:50 Pr3 lvl decreasing; slight cooldown continuing
suspect letdown valve leak; pr3 heaters may be
on - none on at 11:40. S/G level in normal range
trying to minimize release

11:56 }
Unit 2- }
RC No. } no significant change in system parameters
phone 717/944-4041 X 200

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 034

POOR ORIGINAL

INCIDENT MESSAGEFORM

CONTROL NO. C-34


TO:

FROM: WATCH RELIEVED 0001, 3/29/79
G. KALMAN, RECORDER; W. LAZARUS, E. McCABE, S. ALGAN

INFORMATION UPDATE

ACTION UPDATE

0002 Pressurized ~~1062~~ 1010 # 550° / TC 292°
level 80-85%
92% IN STEAM GEN

0007 S.G. 400" (level)
(in response to H.O. suggestion to go solid in S/G to enhance cool down) 

0029 P2R - 1066 # 554°
W.B. TC 291, TRYING TO OPEN LET DOWN IN PASS

0045 - STILL NO LET DOWN, COULD NOT GET TO
W.B. BT-PASS

W.B. DO NOT KNOW WHY NORMAL LET DOWN WAS LOST
INFORMATION PROVIDED BY (SOURCE): POSSIBLE FAILURE OF AIR OP. VALVE.

DATE: _____ TIME: _____

722 035

POOR ORIGINAL

3/29

INCIDENT MESSAGEFORM

CONTROL NO. C-35

TO:

FROM: G. KALMAN

INFORMATION UPDATE

ACTION UPDATE

0051 - SHUTTING AUX BLDG VENT TO STOP
RELEASE - STO-47 FOR HIGHER
ACTIVITY IN CR.

0054 - PZR. 1103 # T230° 552°
Level 93% going up.
heater off.

0055 - AUX BLDG VENTILATION SECURED

0120 - ARMS FLIGHT NOT LAUNCHING - RAIN
POOR VISIBILITY

10				
0125	<u>1089</u>	<u>TC</u>	289	<u>553</u>
	1076		288	552

0132 - 1 man/hw in Unit One Control Room

0140 - W. RAYMOND RELIEVING W. BAUNACK
IN TMI 2 CR.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 036

INCIDENT MESSAGEFORM

CONTROL NO. C-36

TO:

FROM: G. KACMAN

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

0204 - 1080 # TC 288.6 level 430" 551.5"

F.A Pump on

RELIEF VALVE ON LET DOWN SYSTEM BEING
USED TO CONTROL PRESS.

GOING BACK ON RESPIRATORS

CAN NOT USE NORMAL LET DOWN DUE
TO HIGH Δ P FILTERS

0225 1055 # Loop A in 287.8 level 395" ↓

550.6 Loop 287.4 37# 417#

5- LET DOWN VIA SAMPLE LINE TO M.W. TK
4-5 GAM ALSO LET DOWN RELIEF VALVE
TO HOLD-UP TK (FLOW NOT GIVEN)

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 037

INCIDENT MESSAGEFORM

CONTROL NO. C-57

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

0300 Pres. 1036 # 549° level 285" going down.
U.R. Loop A IN 287° 36 #
Loop B IN 287 40 #
Thermocouple reading off computer 587.2°
(Location unknown)
FW going to A S/G EXHAUST TO COND.
21 ft left in boron slag tk., Raymond
requested Reg. I to locate truck with
2270 PPM borated water,
HEATERS OPERABLE BUT NOT ON.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 038

INCIDENT MESSAGEFORM

CONTROL NO. C-38

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

0355
W.R. ←

0325 READINGS:

PR2A 1016 # 547° level 375 ✓
A S/G 35 # ~40" level (still steaming)
287°
B S/G 40 # ~40" level.
287°

IN CORE THERMO couple 581°
OTHER THERMO couple from 207° to 617°
Aut Bldg. Vent ON.

SALEM CONTACTING TRUCK CO. TO TRANSPORT.
SPENT FUEL POOL BORATED WATER 2700PPM TO TMI
B.V. CANNOT GET TRUCK UNTIL AFTER 0800.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 039

INCIDENT MESSAGEFORM

CONTROL NO. C-39

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

0450 0425 READINGS: 990 # 545° Goal 353"
W.R.

A S/G - 286°, 35#, DOWNCOMER 270°, 290° steam out.

B S/G 286°, 40#, DOWNCOMER 230, 335 steam log.

100° FW TO A.

LET DOWN GOING TO 2 BLEED HOLD TRS. MAX LVL 155

0425 LEVELS 12.5', 11.5', ~~9.5'~~ 6.4'

0507 - PRES. SPRAY SEEMS TO CAUSE LEVEL TO INCREASE. HOLDING SPRAY UNTIL 300" IS REACHED IN PRZR.
W.R.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 040

INCIDENT MESSAGEFORM

CONTROL NO. C-40

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

0545 - *Prep press* 957 [±]
 TL 285° =
 Prep level 350"

SG A 33"
SG B 38"
Prep temp 542°

0603 - SG A - *Byth steam bypasses full open*
 slow cooldown

- *Capacity for 75,000 gal. holdup in*
 Blad Tanks

0606 *Thermocouple data* : 207° *thru* 617°
 Blad water

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 041

INCIDENT MESSAGEFORM

CONTROL NO. C-41

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

OG45: PR2R 898# 362" 535°

SPRAY ATTEMPTED level increased 343"-360"
50# decrease

loop A Tin 284°, 32#

loop B Tin 284°, 37#

INT. COOL. water - temp was increased, some let
down flow commenced - appears bottom which
settled out in lines went back into solution.
neutralizing tk 8B (2000 gal cap) pumped to
unit one Redwater tks. to make room in
8B for Aux Red. floor water. (200,000 gal est).
TK 8A still to be pumped to unit 1

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 042

INCIDENT MESSAGEFORM

CONTROL NO. C-42

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

APPEARS TO BE PROBLEM WITH Aux. Bldg,
flt. Drain pump.
OPERATOR LOOKED INTO Aux BLDG 281' elev.
COULD NOT SEE LARGE QUNT. OF WATER.

PM
0725 PR2R 292# 533° 357" ✓
Bop A Tin 282
Bop B Tin 282

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/29 TIME: _____

722 043

INCIDENT MESSAGEFORM

CONTROL NO. C43

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

0725-074Z IE:HQ / RI / SITE (NRC) REVIEWED SUMMARY
OF CHRONOLOGICAL SUMMARY. MET-ED
PREPARING SIMILAR SUMMARY. HAVE RE-
QUESTED EXCHANGE OF METED / NRC SUMMARIES

FAK #'S IE:HQ 492-8187 (Auto)

IE:HQ 492-7285 (SM)

MET-ED 717 944-4041-210 (TEX)

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/29 TIME: AM

722 044

INCIDENT MESSAGEFORM

CONTROL NO. C 44

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

0900 DHR ROOM IS REPORTED TO HAVE 1" OF WATER ON THE FLOOR.
LIMITING FACTOR IN REMOVAL IS THE CAPACITY OF ON SITE
TANKS.

0915 SHIFT SUPERVISOR REPORTS VALVES DHV 1+2 ARE APPROX. 8' ABOVE ANY
WATER AND THE DHR PUMPS APPEAR TO BE AVAILABLE AND NOT IN JEOPARDY

0940 VERIFIED ALL RODS ARE "IN" EXCEPT PART LENGTH RODS - "FIXED" POSITION
BY DESIGN.

0940 - LICENSEE REPORTS APPROX. 250,000 GAL ON FLOOR OF REACTOR BLDG.
AND 10,000 GAL ON AUX. BLDG ^{FLOOR} APPROX. 2" LEVEL.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/29 TIME: PM

722 .045

3/29/79

INCIDENT MESSAGEFORM

CONTROL NO. C 45

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

1000 Steam generator - ΔT A-20°F B-15°F
1015 Two neutralizing tanks pumped to Unit #1 -
(in process)
to empty tanks to allow pumping
Aux bldg water (on floor) into tanks:

1105 Aux Bldg Status:
- water in drain areas 2-3" deep
- high spots - other areas less
- additional water leaking onto Aux Bldg.
floor from packing on pumps for cooling
water for RB ventilation (water source River)
- no definite estimate as to amount of
primary coolant in Aux Bldg.
- pumping Aux floor to neutralizing tank
0.2 ft³/20 min (8600 gal tanks) \cong 7 gpm

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/29 TIME: AM

722 046

INCIDENT MESSAGEFORM

CONTROL NO. C 46

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

1130 Status of Aux Bldg. - pumping 1 neutralizer tank to Unit 1. → pumping aux floor to other neutralizer tank. (the one previously emptied)

1205 Licensee to trend high thermocouple (core) readings (several thermocouples reading $\approx 500F^{\circ}$) with system pressure. Also intends to megger high reading TC's to determine operability.

→ 1215 All free water in Aux Bldg has been pumped. Licensee in process of covering floor with poly.

1735 RCP 1A operating - this is not a change it has been operating.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/29 TIME: AM → PM

722-047

3/21/79

1345

INCIDENT MESSAGEFORM

CONTROL NO. C-47

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

1400 Request from Headquarters to assemble list of all calls made by Region I to state - state to Region I, by times calls made.

1405 Headquarters requested that if core thermocouples are meggered by licensee concentrate on 10D, 7E, 9G, 11K, 9M which are reading highest.

Baunack
1420 Licensee feels that bubble may still exist in Reactor Vessel. Reason: turned on PZR heaters, pressure increased but level decreased. Theory - as pressure increased bubble in vessel reduced in size PZR level decreased.

1450 Pressurizer heaters on to raise pressure in attempt to verify bubble in reactor vessel.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/29 TIME: PM

722 048

3/29/79
1450

INCIDENT MESSAGEFORM

CONTROL NO. C-48

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

1505 With heaters on, PZR pressure ↑ 906 PSIA PZR level dropped significantly. Bubble probably exists. Plan to maintain pressure at present level with PZR heaters — to collapse bubble??

1650 Watch relieved, Capton, Rehto, Stetten, Brunner

1710 Rx Coolant sample of 100 ml reads 1000R @ Contact.

1725 Rx Coolant Sample of 100 ml from RIC Letdown levels 70-80R @ 1 Ft and 10-30R @ 3 Ft.

1740 Walt requested the licensee to review their suspected leakage rate from the RHR since RIC coolant levels are so high.

INFORMATION PROVIDED BY (SOURCE): W. Baunack

DATE: 3/29/79 TIME: PM

Radio Telephone at Observation Center —
Call Harrisburg Operator and give her the following number 202-665-2410

722 049

3/29/79

INCIDENT MESSAGEFORM

CONTROL NO. C-49

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

1755 The Executive Management Team directed the licensee to stop dumping all water. RI Notified HQ that the stopping of the dumping will cause backing of water into the Turbine Building.

(Late entry - the licensee has been dumping water to the river - the water is within TS limits w.r.t. contamination.)

1805 EMT consists of Gossick or Davis as the head.

1810 Licensee notified NRC that he is stopping the discharge.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 050

INCIDENT MESSAGEFORM

CONTROL NO. C-50

TO:

FROM:

INFORMATION UPDATE

POOR ORIGINAL

Note from ACTION UPDATE

4:00 PM

Elsasser reported regarding briefings provided Sen. Hart, Heinz, Simpson (Wyo) and Eitel. Questions were answered by NRC Volmer, Keimig and Stohr. NRC personnel were complimented.

from 1:30 PM

Elsasser reported regarding briefings provided by Met. Ed. V.P. Herbein and Pres. Diekamp to the following congressional members: Sen. Schweiker, Congressmen: Gooding (Vt), Mike Mc Cormack; Walker (Lancaster); Weidler (LI, NY).

Difficult questions were asked and they were (the VP & Pres) admonished to be open by Weidler.

No questions were asked by of NRC personnel Volmer, Keimig or Stohr.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/29/79 TIME: 1920

722 051

3/29/79

INCIDENT MESSAGEFORM

CONTROL NO. C-51

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

1958 Licensee does not plan test Decay Heat Removal system. The system was previously tested (hydro) and had leakage of <6 gpm. ~~(Late Ent.) Water~~ ~~expressed concern over rd~~

2017 Reported let down flow is ~ 20 gpm

2015 Arms flight at 1000 ft reported no plume found. - No activity

2050 E.C. McCabe in Unit C.R.

2135 Report that Rad Detector on Letdown Line was pegged high (106 cps) - Letdown. Flow is 20 gpm.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/29/79 TIME: PM

722 052

3/29/79

INCIDENT MESSAGEFORM

CONTROL NO. C-52

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

10¹² pm *Haverkamp* Industrial Waste Discharge verified to be off

10 20 pm Joe demonstrates at North Gate - 1 girl dancing and a boy.

1054 - K. White: Plant will continue in present status for next 12 hrs to 3 days while evaluating RWH system leakage, etc.

1107 100-150 mcf/hr in base of aux. building

1109 Received 1100 parameters

~~3605~~ 3605 EMT asks IE/site to relay to NRC that NRC says ok to release industrial waste. Notify NRC when release commences

0020 Question for licensee from HQ: Is licensee planning method to vent Reactor Pr Vessel Head?

0035 Jch. Supt says must enter containment to vent 1st vessel.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3 TIME: _____

722-053

INCIDENT MESSAGEFORM

CONTROL NO. C-53

TO:

FROM: W. LAZARUS

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

0045 Moseley requests call from Allan/Allan calling
Answer to question on PRE heaters; to maintain
pressure in PRE. Tech Supv has considered
method of determining bubble size by increasing
pressure and measuring size of bubble in reactor
vessel.

0152 Venting makeup tank to Waste Gas Tank
A vent header
Have not changed containment status; fan
coolers are operating

0206 Industrial Waste Tank overflowing onto
ground

0235 EMC Sample of DIT < 1pc/ml, (~~1.1-9~~
Preparing to discharge

0205-0215 Venting M.V Tanks to W.G.D.T. - Saw
some leakage out of Aux. and Fuel Bldg
(as noted by effluent monitors)

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 054

INCIDENT MESSAGEFORM

CONTROL NO. C-54

TO:

FROM: W. LAZARUS

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

- 0312 1300-1500 ft³ bubble in Ref Vessel has been measured
- 033A Results above based on plant parameters 14 hours ago and not on suggested NRC test.
- 0539 Fire in Unit One Cont Building Basement - (picked up from intercom) Fire in ventilation system.
- 0541 Secure from fire Unit 1 Overhead over PA unit-1
- 0555 Concern for sources of H₂ - To contact B+W -
? Sources - Decomposition + Metal-water reaction -
- 0600 1200-1300 ft³ - in vessel - H₂ could be 100,000 ft³ expanded. - Waiting on measurement of bubble experiment until after H₂ question answered.
4 of 5 fan coolers running.

INFORMATION PROVIDED BY (SOURCE): Bill Raymond

DATE: 3/30/79 TIME: AM

722 055

INCIDENT MESSAGEFORM

CONTROL NO. C-55

TO: FILE

FROM: W. LAZARUS

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

0633 License still pumping IWT

0642 Floor of aux bldg. nearly dry

0740 status: Draining BWST to West holdup tanks via makeup and purification
(RAYMOND) line. one holdup tank is at the 15' level (15 1/2" is Full)
still no letdown flow or charging flow due to clogged filters.

Reactor building temperatures are as follows:

Sump - 96° F	Basement - 60°
Letdown Coolers - 96° F	310' level - 96°
Primary shield ^{area} #111 - 114° F	330' level - 96°
	353' level - 96°

four of five coolers are on service.

INFORMATION PROVIDED BY (SOURCE): TELEPHONE - INSPECT. ON SITE (RAYMOND)

DATE: 3/30/79 TIME: START 0630 AM

722 C56

INCIDENT MESSAGEFORM

CONTROL NO. C-56

TO: *File*

FROM: *Foley*

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

0820 (BAUWACK) License has secured flow to ^{IDLE} Reactor coolant pump Seals with concurrence from B&W. (seal water injection secured) to Idle pumps.

0830 Letdown from B&W to Bleed tanks is not intentional apparently a mis valve line up while trying establish a let down PATH.

0845 (HISSINS) seal return to makeup tank is causing excessive off gas in makeup tank which in turn is directed to waste gas tanks which are full. waste tanks being dumped TO STACK which is causing a more considerable release rate.
~~Down~~ Civil Defense + states are being notified by licensee -

M^cCabe
0900 High pressure spike in containment vessel to 28 PSI 9 3/4 hours into incident (1400 3/29/79)
Suspect hydrogen detonation. B&W evaluating
Concern: hydrogen in all water storage tanks.

INFORMATION PROVIDED BY (SOURCE): Telephone w/ (RAYMOND) ON SITE

DATE: 3/30/79 TIME: START 0800

722 057

INCIDENT MESSAGEFORM

CONTROL NO. C-57

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

Higgins
0945

Waste gas release problem. Waste gas flow path
Make up tank - vent header - compressors - waste
decay tanks. 1 decay tank full - other one
1/2 full. Rate of gas flow to vent header
pressurized it - overloaded compressors - lifted
relief - gasses vented directly out stack.
0925 Excess gas release stopped.

State notified of release - evacuation
removed - site does not plan to call for
evacuation.

0930 Contemplating sending man into aux bldg
which could result in overexposure to open
letdown bypass valve MV-107

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____

TIME: _____

722 058

3/30/79

Region I Form 154
MAR 79

INCIDENT MESSAGEFORM

CONTROL NO. C-58

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

1000 Evacuation - some confusion - evidently State has recommended evacuation of Middletown (Doc Collins) Plant/NRC has not recommended evacuation

^{Higgs}
1003 Cause of earlier release - Make up tank relief lifted → pressurized vent header.

^{Barnack}
1005 Let down status - will not send man in to aux bldg to open bypass valve. Area radiation ≈ 750 R/hr.

1013 Unit #1 turbine bldg and control room on respirators due to high airborne activity. No numbers/levels available.

1019 Time span of this morning's release best estimate 0710 - 0900

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 059

INCIDENT MESSAGEFORM

CONTROL NO. C-59

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

1025 ~~Let~~ Lost communication with Unit 2 Control Room.

1030-1045. State has advised residents within 10 miles to go inside/shut windows. NRC position remains - no evacuation / unnecessary to take any special precautions

1125: relayed from Hd. qtr: 1109 vent header relief valve lifted to stack (another release). PZR level is $\approx 70\%$ letdown is presently through letdown relief..

temporary hose to containment from makeup tank should be made up by noontime today. - permanent 1 day presently have a $1\frac{1}{2}\%$ heatup rate.

if plant goes solid (PZR full) plans are to vent PZR using electromatic relief

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/30/79 TIME: Completed 1130

722 050

INCIDENT MESSAGEFORM

CONTROL NO. C-60

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

1125 cont. Relay on above information very rough/ incomplete. Plant status appears to be approx. same as prior to loss of communication.

1145 Release at 1109 for \approx 15 secs. Planning another release at this time.

Aux bldg sumps filling - water source?

1203 Chairman of NRC recommended to Governor of Pa. to evacuate 5mi radius.

1207 EPA region III advised of evacuation recommendation (Langford)

1207 Line from make-up-Tank back to containment hooked up.

1215 REPORT FROM HQ - WASTE GAS DECAY TKS ARE EXPECTED TO FILL COMPLETELY THIS AFTERNOON.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

NO TELEPHONE UNIT 2 CR.

722 061

INCIDENT MESSAGEFORM

CONTROL NO. C-61

TO: File

FROM: Foley

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

1230 The NRC evacuation recommendation has been changed or is clarified as follows: pregnant women and preschool children in 5mi radius should be evacuated. This recommendation to Gov PA. — not public Dr. Langford of EPA was notified of this change.

1130 LATE ENTRY
From F. Costello RAD Levels in Area Around The Site Are As Follows

- 1 mile south of Goldsborough on RT. 262 2.5 m/hr
- Entering city of Cly on RT. 262 0.6 m/hr
- North of plant on RT 441 in Middletown 0.1 m/hr
- on RT 230 and RT 283 at the intersection 0.0 m/hr
- West on RT. 283 0.0 m/hr
- Intersection of Penn T.P. and 283 0.0 m/hr
- South on RT 283 thru to Goldsborough 0.0 m/hr

mobile team is in route back to the site observation center.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/30/79 TIME: Completed 1245

722 062

INCIDENT MESSAGEFORM

CONTROL NO. C-62

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

^{Stahn}
1335 The site does not plan on making any other releases to atmosphere. Gases vented back to containment through temporary hose - although the hose flow path has not been tested.

NO COMM WITH KMIT 2
INFO RELAY FROM BGR

1420 PR2R : 1009# 551° level 213

Cool down -.6°F/hr.

Tc A 279° 32#

Tc B 278° 26#

ESTIMATE 1100 ft² bubble in reactor.

KERMIT WITT TOOK OVER PHONE AT H.Q.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: _____ TIME: _____

722 063

Region I Form 154
MAR 79

3/30/79

INCIDENT MESSAGEFORM

CONTROL NO. C-63

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

1450 UENT FROM LET DOWN MUTRTO C.V. OPENED,
W. BAGNACK RAO. LEVELS AT SITE BOUNDARY
(VERY WEAK CONNECTION) INCREASED FROM 2MR TO 30-100 MR.

1740 Reestablished conference call with
(Site D. Haverkamp) HQ & Site.

1700 (late) Tom Stetka & Walt Rekiro,
relieved 0800 to 1700 watch.

1745 Call from McCabe identifying
OPS BRANCH WATCH SCHEDULE
AT Site.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/30/79 TIME: _____

722-064

3/30/79

Region I Form 154
MAR 79

INCIDENT MESSAGEFORM

CONTROL NO. C-64

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

1745 - continued
Effluent Control @ Process Center
0800 - 1600 Beckman
1600 - 2400 Haverkamp
0000 - 0800 ~~Higgins~~ Raymond

Unit #2 Control Room Watch
0800 - 1600 Bannaek
1600 - 2400 Johnson
0000 - 0800 Higgins

1750 - received 1700 Parameter and
thermo couple Data from HQ via
Faxsimily.

1815 - Haverkamp reported "one ~~so~~ exposure
of 1600 mr to instr. ~~faenan~~" this date.
Info requested by HQ.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/30/79 TIME: PM

722 065

3/30/79

Region I Form 154
MAR 79

INCIDENT MESSAGEFORM

CONTROL NO. C-65

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

1810 - Site reported ^{Temporary} ~~temp~~ line installed from Waste Gas Decay TK "B" to cont. but not yet put in service. Also - VCT press @ 26 psi. Information requested by Brunner.
NOTE - Communications poor, voices fade out.

1830 - (Johnson) received system parameters and Thermocouple temperatures taken @ 1825.

LATE ENTRY 1715 - Pressure in VCT is 26 psig.

1930 - Havenkamp provided status of RC Breed holding Tanks. (TK 1A - Full 83,000 gal, TK 1B + 1C ≈ 90% Full (75,000 gal))

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/30/79 TIME: _____

Above info had been requested by HQ.

722 066.

3/30/79

Region I Form 154
MAR 79

INCIDENT MESSAGEFORM

CONTROL NO. C-66

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

2015 - (Johnson) Site reported overall status of plant including containment pressure = -1 psi. In addition he explained operating staffs' concern for operable RC pumps. Currently RC-P-1A operating and other pump in loop A (RC-P-2A) inoperable because oil lift pump keeps tripping. RC-P-1B is available with oil lift pump running and other pump in loop B (RC-P-2B) inoperable due to problem with oil lift pump. Currently trying to resolve these problems.

2050 - (Johnson) Site reported system parameters and thermocouple temperatures.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/30/79 TIME: PM

722 067

3/30/79

INCIDENT MESSAGEFORM

CONTROL NO. C-67

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

2045 (MADDEN) Acting as Administrative Officer - reported the following:

- A 48'x10' Trailer, manned by NRR (DENTON) and the White House Communications Group is AOW behind the Observation Center and wired for use.
- An additional 48'x10' Trailer will be at the Observation Center by 2145 and will be wired w/ 6 Telephones by Midnight for I&E use.
- These two trailers will be located next to each other, near the two RI Vans and near the Met Ed Command Center.
- Boyce Grier is downtown in Harrisburg at a Press Conference w/ Stello, Denton, Gov. Thornburg.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/30/79 TIME: _____

- Commander Bershak at the Air National Guard Unit at Harrisburg Int'l. Airport is available for assistance if required.

722 068

3/30/79

INCIDENT MESSAGEFORM

CONTROL NO. C-68

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

2120 - Condenser Vacuum is 28"

2135 - (Johnson) commenced venting PZR and are holding pressure & level stable.

2145 - Continuing to vent PZR (≈ 6 gpm) level remains constant @ 216; Pressure 1028 psig;

2215 - Terminated PZR venting; with PZR Pressure 1026, PZR Temp 554 °F, PZR level 215 ft.

2230 - Containment Radiation Level Reported. Dome Monitor meter reading 100 R/hr., but meter shielded by 4" of lead so actual level is 10⁴ R/hr. (Info requested by NRR)

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/30/79 TIME: PM

722 069

3/30/79

Region I Form 154
MAR 79

INCIDENT MESSAGEFORM

CONTROL NO. C-69

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

- 2245 - commenced venting PRZ again.
- 2250 - Site reported Sys parameters and Incore thermocouple temperatures.
- 2345 - Notified HQ of Trailer Nos. 0001 (Gate) Bettenhausen/Lazarovs/Fasano on duty
- 0035 venting PRZ; PRZ WL 215, 1025 psig 554 F
- 0130 80 psig in Waste Gas Tanks; 60% on contact
- 0227 Shielding around H₂ recombiner will be completed in 1/2 hour. Have not vented decay tanks into the containment.

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/30/79 / 3/31/79 TIME: _____

722 070

INCIDENT MESSAGEFORM

CONTROL NO. C-70

TO:

FROM:

INFORMATION UPDATE

ACTION UPDATE

POOR ORIGINAL

0240 23 K gal of boosted water delivered from Salem to Unit 2 BWST. Also digging up temp. line from Unit One SFP to Unit 2 SFP to the BWST.

Piping for H₂ Recombiners completed

0320 20 K ft³ H₂ in Containment, evolving at 300 ft³/hr, + purge vent of 90 ft³/hr 80K ft³/hr \Rightarrow 4%. If 4% uncertainty applied they could be at 4%.

0330 All 3 RCP's have operable lift pumps
0530 attempting air H₂ sample on containment

INFORMATION PROVIDED BY (SOURCE): _____

DATE: 3/31/77 TIME: 0240-0530

722 071

POOR ORIGINAL

3/28/79

Time Sequence

7:45 Call from May Jo who had rec'd a call from TMI

7:48 Boyce informed

7:50 Smith, Bruner telecall to Warren in control room with

7:58 HP's told to go

8:00 Boyce, informed + Directed
Emergency Center opening

8:03 Greer called Davis

8:08 Bryan to Bruner call

8:10 Emergency Center in operation

8:45 1st Car Dispatched w
Neely, Ballin, Higgins, Nantz, Phelan
Police Escort provided

9:00 2nd Car w/ Smith, Bruner

10:05 1st Car onsite

11:00 2nd Car onsite

22-072

3/31/79

POOR ORIGINAL

INCIDENT MESSAGEFORM

CONTROL NO. C-74

TO:

FROM:

1455 Some thermocouples read locally
Temperatures differed from computer
print-out by small amount.

INFORMATION UPDATE

ACTION UPDATE

1522 Moveable in core ~~the~~ neutron
detector. B&W has written procedure to
move in and out of core to measure α & γ radiation
levels within core. Local rep says probe will
not measure < 15% reactor power.

1320 (LATE ENTRY) Waste gas tank pressures
@ 80psig.

1725 Lost communication with Unit 2 CR.

1830 Re-established communications with
Unit 2 CR and H.Q.

- At this time we were informed of
a loss of pressure in MUT and vent hdr.
went from 12 psig to 0.
- The MUT was isolated from vent hdr
and pressure is again increasing.

INFORMATION PROVIDED BY (SOURCE): _____

DATE:

3/31

TIME: _____

- It was reported that the Waste Gas
Decay TK A+B pressure increased from
82 psig to 84 psig at approx same time
of MUT pressure drop.
- ARMS helicopter dispatched to survey

INCIDENT MESSAGEFORM

CONTROL NO. C-79

TO:

FROM:

POOR ORIGINAL

INFORMATION UPDATE

ACTION UPDATE

- 0540 - Bz ready in ten minutes to draw sample from B decay tank.
- 0613 Calc. size of bubble in Rx vessel at 450: 836 ft^3
- 0630 Attempted sample - some pushing noise - secured sampling B decay tank
- 0920 . 0845 Containment atmosphere sample
 - H₂ 2.4%
 - O₂ 18.1%
 - N₂ 79.5%
 - Bubble size 710 ft³
- 0955 Total water from BWSI to RCS from start of incident to 12 noon 3/30/79 340,500 gal (5.5 - 14' BWSI)

HPSI system available/operable
INFORMATION PROVIDED BY (SOURCE): _____

DATE: 4/1/79 TIME: 0.540 -

in manual or auto mode.