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DOCUMENT TRANSMITTAL 2003-58864

USER INFORMATION:

~~GERLACH*ROSE M EMPL#:28401 CA#: 0363~~
~~Address: NUCSA2~~
~~Phone#: 254-2194~~

TRANSMITTAL INFORMATION:

TO: ~~GERLACH*ROSE M~~ 12/12/2003
LOCATION: DOCUMENT CONTROL DESK
FROM: NUCLEAR RECORDS DOCUMENT CONTROL CENTER
(NUCSA-2)
THE FOLLOWING CHANGES HAVE OCCURRED TO THE HARDCOPY
OR ELECTRONIC MANUAL ASSIGNED TO YOU:

207 - 207 - SITE SUPPORT MANAGER: EMERGENCY PLAN-
POSITION SPECIFIC PROCEDURE

REMOVE MANUAL TABLE OF CONTENTS DATE: 11/12/2003

ADD MANUAL TABLE OF CONTENTS DATE: 12/11/2003

CATEGORY: PROCEDURES TYPE: EP
ID: EP-PS-207
REPLACE: REV:11

REPLACE: REV:11

REMOVE: PCAF 2003-1617 REV: N/A

ADD: PCAF 2003-1617 REV: N/A

UPDATES FOR HARD COPY MANUALS WILL BE DISTRIBUTED
WITHIN 5 DAYS IN ACCORDANCE WITH DEPARTMENT
PROCEDURES. PLEASE MAKE ALL CHANGES AND
ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX UPON
RECEIPT OF HARD COPY. FOR ELECTRONIC MANUAL USERS,
ELECTRONICALLY REVIEW THE APPROPRIATE DOCUMENTS AND
ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX.

A045

Control # _____

EMERGENCY NOTIFICATION REPORT

1. Call Status: ☐ THIS IS A DRILL ☐ THIS IS AN ACTUAL EVENT

2. This is: _____ at Susquehanna Steam Electric Station.
(Communicator's Name)

My telephone
number is: _____

(Callback telephone number)

Notification time is: _____

(Time notification
initiated)

3. EMERGENCY CLASSIFICATION:

☐ UNUSUAL EVENT

☐ ALERT

☐ The event has been terminated.

☐ SITE AREA EMERGENCY

☐ GENERAL EMERGENCY

UNIT: ☐ ONE

Declaration
Time: _____

DATE: _____

☐ TWO

☐ ONE & TWO

(Time classification/
termination declared)

(Date classification/
termination declared)

THIS REPRESENTS A/VAN:

☐ INITIAL DECLARATION

☐ ESCALATION

☐ NO CHANGE

} IN CLASSIFICATION STATUS

4. The Emergency Action Level (EAL) Number is: _____

BRIEF NON-TECHNICAL
DESCRIPTION OF THE EVENT:

- For initial declaration, static update, or escalation, provide current classification EAL number only.
- For significant events, or when directed by the ED, RM, or EOFSS, provide a brief description.
- For termination, write emergency has been terminated.

5. THERE IS: ☐ No
☐ AN AIRBORNE
☐ A LIQUID } NON-ROUTINE RADIOLOGICAL RELEASE IN PROGRESS

6. WIND DIRECTION IS FROM: _____ WIND SPEED IS: _____ mph.
(Data from 10 meter meteorological tower, available on PICSY.)

7. Conclusion: ☐ THIS IS A DRILL ☐ THIS IS AN ACTUAL EVENT

APPROVED: _____
(ED, RM, or EOFSS)

Time: _____
(Time form approved)

Date: _____
(Date form approved)

Affected Unit _____

Control No. _____

PROTECTIVE ACTION RECOMMENDATION FORM
SUSQUEHANNA STEAM ELECTRIC STATION

☐ This is a Drill ☐ This is an Actual Event Preparer: _____

The EMERGENCY CLASSIFICATION is:

☐ Unusual Event ☐ Alert ☐ Site Area Emergency ☐ General Emergency

Basis: EAL # _____

This represents:

☐ Initial Classification ☐ Escalation ☐ Reduction ☐ No Change in the Classification Status

Emergency Action(s) implemented onsite:

☐ None ☐ Evacuation of non-essential personnel
☐ Local Area Evacuation ☐ KI to onsite personnel
☐ Site Accountability ☐ Other _____

Bases: _____

The PROTECTIVE ACTION RECOMMENDATION is:

<input type="checkbox"/> No Protective Action Recommendation Required	
<input type="checkbox"/> Evacuate 0-2 miles and Shelter 2-10 miles and advise citizens to take KI in accordance with the State's emergency plans.	<input type="checkbox"/> Divert Danville Drinking Water*
<input type="checkbox"/> Evacuate 0-10 miles and advise citizens to take KI in accordance with the State's emergency plans	<input type="checkbox"/> Relocation
	<input type="checkbox"/> Control of Access
	<input type="checkbox"/> Contamination Controls/Decon
	<input type="checkbox"/> Other

*Expected arrival of release at Danville: _____

This represents: ☐ Initial ☐ Change ☐ No Change in the Protective Action Recommendation

The BASIS for the Protective Action Recommendation is:

Plant Status

Status of Radioactive Release: Event-related release in progress? ☐ Yes ☐ No

Total Site Release Rate	Airborne	Liquid
< Tech Requirements Limit	<input type="checkbox"/>	<input type="checkbox"/>
≥ Tech Requirements Limit	<input type="checkbox"/>	<input type="checkbox"/>

NOTE: TRM Limits ($\mu\text{Ci}/\text{min}$): Noble Gas 1.00E+6; Iodine 1.04E+2; Particulate 7.72 E+2 (Airborne releases)

Based on: ☐ Effluent Monitors ☐ Field Measurements ☐ Engineering Judgement

Data measured in the field confirm release rate estimations: ☐ Yes ☐ No ☐ N/A

Weather Conditions: Wind Speed _____ Wind Direction _____

Dose Projections: ☐ TEDE > 1 rem or thyroid CDE > 5 rem at 2 miles

☐ TEDE > 1 rem or thyroid CDE > 5 rem at EPB

☐ TEDE ≤ 1 rem and thyroid CDE ≤ 5 rem at EPB

Other:

Approval: _____ Date/Time: _____

Emergency Director or Recovery Manager approval required if change in Classification or Protective Action Recommendation.

RPC or DASU approval if no change in the Classification or Protective Action Recommendation.

Transmittal: ☐ Verbal ☐ Electronic ☐ Both

Communicated To:

NAME	AGENCY	DATE/TIME
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EOF MESSAGE SHEET

TAB 8
EP-PS-207-8

MESSAGE

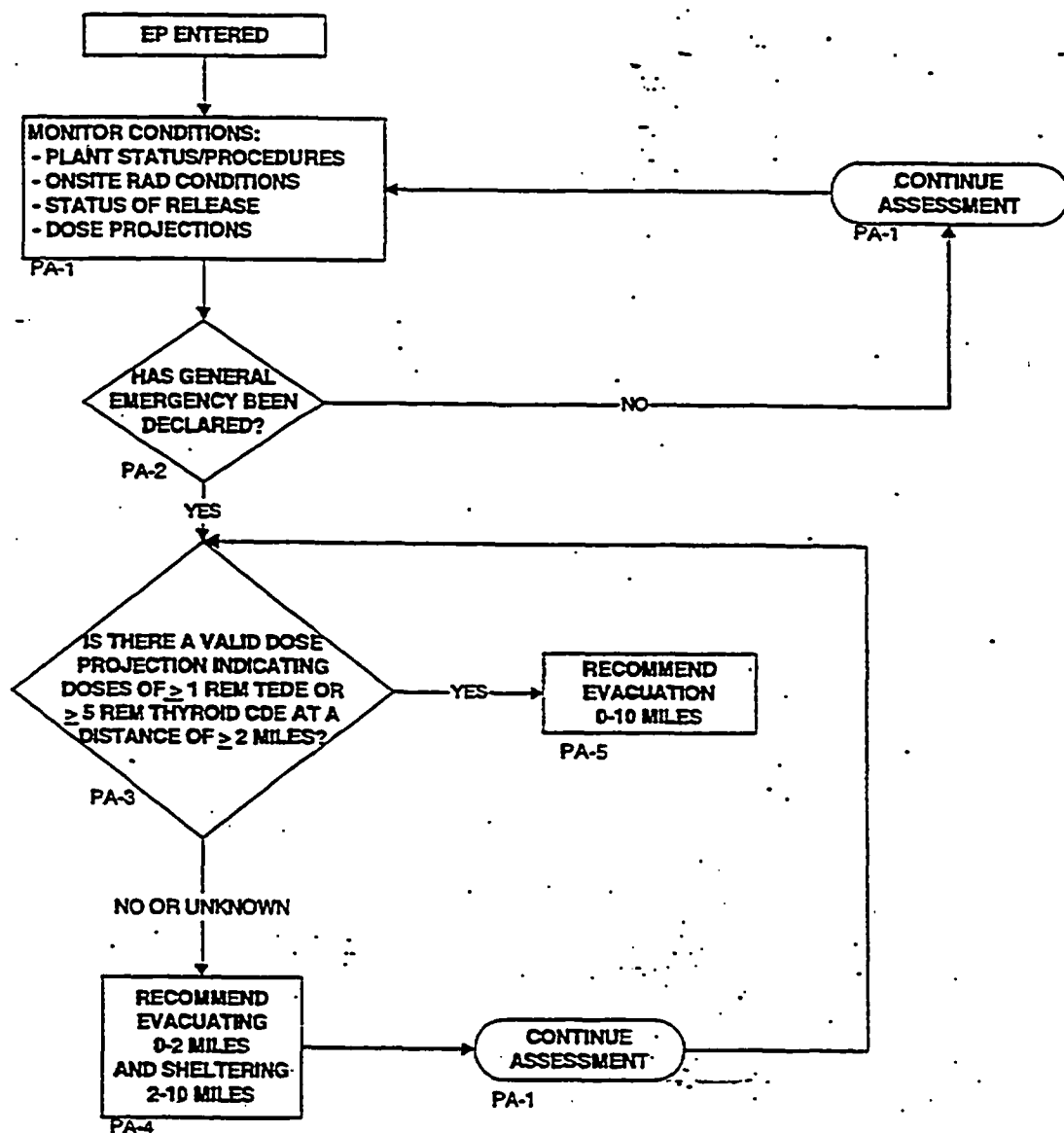
MESSAGE ORIGIN _____ MESSAGE NO. _____

TIME _____ DATE _____ PRIORITY _____

REPLY

ORIGINATOR OF REPLY _____ TRANSMISSION TIME _____

TRANSMITTED TO _____ TRANSMISSION DATE _____



NOTES:

1. PA-4 CAN BE USED TO REFER TO SECTION 4.1 OF THE PROCEDURE FOR MORE DETAILED INFORMATION ON THE ACTION TO BE TAKEN.
2. DOSE PROJECTIONS DO NOT INCLUDE DOSE ALREADY RECEIVED.
3. TEDE - WHOLE BODY (TEDE) IS THE SUM OF EFFECTIVE DOSE EQUIVALENT RESULTING FROM EXPOSURE TO EXTERNAL SOURCES, THE COMMITTED EFFECTIVE DOSE EQUIVALENT (CEDE) FROM ALL SIGNIFICANT INHALATION PATHWAYS AND THE DOSE DUE TO GROUND DEPOSITION.
4. CDE - COMMITTED DOSE EQUIVALENT TO THE CHILD THYROID.

PAR Decision at:

_____/_____
(Time) (Date)

By:

PEMA notified at:

(Time)

By:

NRC notified at:

(Time)

PAR LIQUID RELEASES

TAB 8
EP-PS-207

RADIONUCLIDE	Isotopic Limit (uCi/ml)
Ag-110m	1.1E ⁻⁶
As-76	7.2E ⁻⁷
Ba-140	1.1E ⁻⁶
Ce-141	3.6E ⁻⁶
Co-58	1.1E ⁻⁴
Co-60	1.2E ⁻⁶
Cr-51	7.2E ⁻⁶
Cs-134	2.4E ⁻⁴
Cs-137	2.4E ⁻⁶
Fe-55	2.4E ⁻⁶
Fe-59	2.4E ⁻⁶
H-3	2.4E ⁻²
I-129	1.2E ⁻⁸
I-131	3.6E ⁻⁸
La-140	7.2E ⁻⁷
Mn-54	3.6E ⁻⁶
Mo-99	7.2E ⁻⁶
Na-22	4.8E ⁻⁶
Nb-95	3.6E ⁻⁶
Ni-59	3.6E ⁻⁶
Ni-63	6.0E ⁻⁷
P-32	3.6E ⁻⁷
Ru-103	2.4E ⁻⁶
Ru-106	3.6E ⁻⁷
Sb-124	7.2E ⁻⁷
Sb-125	3.6E ⁻⁶
Sr-89	2.4E ⁻⁷
Sr-90	9.6E ⁻⁸
Tc-99m	1.1E ⁻⁵
Y-90	7.2E ⁻⁷
Zn-65	3.6E ⁻⁶
Zr-95	2.4E ⁻⁶

ENTRY:
INDICATIONS OF A POTENTIAL LIQUID RELEASE
- UNSOLUBLE RADWASTE TANK RELEASE
- LEAK TO COOLING TOWER BASIN
- LEAK TO SPRAY POND

PL-1

ENSURE CHEM/ESD
TAKES AND ANALYZES
SAMPLES

PL-2

IS RELEASE
> OR = TECH
REQUIREMENTS (AT
RELEASE POINT)?

PL-3

NO ACTION
REQUIRED

CONTINUE
MONITORING

Yes

RAD PERSONNEL
NOTIFY DANVILLE AND
BRP THAT A RELEASE
HAS OCCURRED

PL-4

CHEM/FTD EVALUATES
RELEASE vs PAG

PL-5

DOES RELEASE EXCEED
ANY OF THE TABLE LIMITS
OR DOES THE SUM OF
FRACTIONS EXCEED 1.0 AT
DANVILLE?

PL-6

RAD PERSONNEL
NOTIFY DANVILLE
THAT NO PAR IS
REQUIRED

PL-8

Yes

RAD PERSONNEL NOTIFY DEP/BRP
FOR DANVILLE TO DIVERT DRINKING
WATER SUPPLY & ESTIMATED TIME OF
ARRIVAL OF RELEASE AT DANVILLE

PL-7

NOTES:

1. PL-4 CAN BE USED TO REFER TO SECTION 4.2 OF THE PROCEDURE FOR MORE DETAILED INFORMATION ON THE ACTION TO BE TAKEN.
2. CALLS TO DANVILLE ARE COURTESY INFORMATION CALLS ONLY. PROTECTIVE ACTION RECOMMENDATION CALLS MUST BE MADE BY DEP/BRP.

PAR Decision at:

_____/_____
(Time) (Date)

By:

PEMA notified at:

(Time)

By:

NRC notified at:

(Time)