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PAGE 1 OF 1

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120092

HOPE CREEK GENERATING STATION
 EVENT CLASSIFICATION GUIDE
 JANUARY 11, 1991

CHANGE PAGES FOR
 REVISION #10

The Table of Contents forms a general guide to the current revision of each section of the Hope Creek ECG. The changes that are made in this TOC Revision #10 are shown below. Please check that your revision packet is complete and remove the outdated material listed below.

ADD			REMOVE		
<u>Page</u>	<u>Description</u>	<u>Rev.</u>	<u>Page</u>	<u>Description</u>	<u>Rev.</u>
1 of 2 thru 2 of 2	TOC	10	1 of 2 thru 2 of 2	TOC	9
1 of 2 thru 2 of 2	Sec. Sig. Page	7	1 of 2 thru 2 of 2	Sec. Sig. Page	6
1 of 2 thru 2 of 2	Att. Sig. Page	8	1 of 2 thru 2 of 2	Att. Sig. Page	7
1 of 9 thru 9 of 9	Section ii	1	1 of 9 thru 9 of 9	Section ii	0
1 of 1	Section iii	4	1 of 1	Section iii	3
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1 of 2 thru 2 of 2	Section 10	1	1 of 2 thru 2 of 2	Section 10	0
1 of 2 thru 2 of 2	Section 15	1	1 of 2 thru 2 of 2	Sectio., 15	0
1 of 5 thru 5 of 5	Section 18	4	1 of 5 thru 5 of 5	Section 18	3
1 of 6 thru 6 of 6	Att. 6	6	1 of 6 thru 6 of 6	Att. 6	5

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EVENT CLASSIFICATION GUIDE
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EFFECTIVE
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Sig. Att.	ECG Attachments/Signature Page	8	2	Jan 11, 1991
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ii.	Cross Reference - Event to Requirement	1	9	Jan 11, 1991
iii.	Cross Reference - Attachment to Events	4	1	Jan 11, 1991
1.	REACTOR COOLANT LEAKAGE/LOCA	1	1	Mar 2, 1990
2.	STEAM BREAK OR SRV FAILED OPEN	0	2	May 26, 1989
3.	FAILURE TO SCRAM	0	1	May 26, 1989
4.	LOSS OF DECAY HEAT REMOVAL	1	2	Jan 11, 1991
5.	FUEL DAMAGE/DEGRADED CORE	2	2	Nov 17, 1989
6.	FISSION PRODUCT BOUNDARY FAILURE	2	1	Mar 2, 1990
7.	RADIOLOGICAL RELEASES/OCCURRENCES	1	5	Jan 11, 1991
8.	NON-RADIOACTIVE LEAK/SPILL (toxic gas, oil spill, hazmat)	1	2	Sept 15, 1989
9.	ELECTRICAL POWER FAILURE	2	2	Mar 2, 1990
10.	LOSS OF INSTRUMENTS/ALARMS/COMMUNICATIONS	1	2	Jan 11, 1991
11.	CONTROL ROOM EVACUATION	0	1	May 26, 1989
12.	QUAKE/STORMS (earthquake, wind, floods, etc)	0	6	May 26, 1989
13.	SITE HAZARDS (aircraft crash, missiles, explosions, etc.)	0	5	May 26, 1989
14.	FIRE	1	1	Sept 15, 1989
15.	PERSONNEL EMERGENCIES/MEDICAL	1	2	Jan 11, 1991
16.	SECURITY EVENTS/FFD	3	3	July 27, 1990
17.	PUBLIC INTEREST ITEMS	1	3	Sept 29, 1989
18.	TECH SPECS/PLANT STATUS CHANGES	4	5	Jan 11, 1991

HOPE CREEK
EVENT CLASSIFICATION GUIDE
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January 11, 1991

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T.O.C
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3.	Site Area Emergency	1	8	Mar 2, 1990
4.	General Emergency	1	10	Mar 2, 1990
5.	Reserved			
6.	CM1 Log (UE/A/SAE)	6	6	Jan 11, 1991
7.	CM1 Log (GE)	6	7	Jan 11, 1991
8.	CM2 Log	4	12	Oct 19, 1990
9.	Non-Emergency Notifications Reference	5	2	Oct 19, 1990
10.	One Hour Report - NRC/Region	1	5	July 27, 1990
11.	One Hour Report - NRC/OPS (Security)	2	5	July 27, 1990
12.	One Hour Report - NRC/OPS	2	5	Jan 11, 1991
13.	Reserved			
14.	Four Hour Report - NRC/OPS	2	5	July 27, 1990
15.	Four Hour Report - Environmental	2	5	July 27, 1990
16.	Four Hour Report - Spill/Hazmat	1	6	July 27, 1990
17.	Four Hour Report - Fatality/Medical	3	7	July 27, 1990
18.	Four Hour Report - Transportation Accident	1	6	July 27, 1990
19.	Twenty Four Hour Report - FFD	0	3	July 27, 1990
20.	Twenty Four Hour Report - NRC/OPS	2	5	July 27, 1990
21.	Reportable Event - LACT/MOU	0	2	May 26, 1989
22.	Other/Engineering	1	3	Mar 2, 1990
23.	Written Reports/LERS/Other	1	7	Apr 25, 1990

HOPE CREEK
 EVENT CLASSIFICATION GUIDE
 SECTION SIGNATURE PAGES

January 11, 1991

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18.	TECH SPECS/PLANT STATUS CHANGES	4	5	Jan 11, 1991

SIGNATURE PAGE

Prepared By: D. Fawcett 12-19-90
(If Editorial Revisions Only, Last Approved Revision) Date

Reviewed By: [Signature] 12-20-90
Station Qualified Reviewer Date

Significant Safety Issue
() Yes No
Reviewed By: W P O'Malley for R Hovey 12-21-90
Department Manager Date

Reviewed By: T. S. Gussner / a.B. 12-21-90
Emergency Preparedness Manager Date

Reviewed By: N/A _____ Date
General Manager - Quality Assurance/Safety Review
(If Applicable)

SORC Review and Station Approvals

Mtg. No. N/A _____ Date
Salem Chairman
Mtg. No. 91-002 BE Hall _____ Date
Hope Creek Chairman
1/9/91

General Manager - Salem N/A _____ Date
General Manager - Hope Creek [Signature] _____ Date
1/9/91

HOPE CREEK
EVENT CLASSIFICATION GUIDE
ATTACHMENTS SIGNATURE PAGE

ECC
Sig. Att.
Pg. 1 of 2

January 11, 1991

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SIGNATURE PAGE

Prepared By: D. Fawcett Rev. 6 12-27-90
(If Editorial Revisions Only, Last Approved Revision) Date

Reviewed By: N/A
Station Qualified Reviewer Date

Significant Safety Issue

() Yes () no

Reviewed By: N/A
Department Manager Date

Reviewed By: Ramon S. T.D.
Emergency Preparedness Manager 12/28/90
Date

Reviewed By: N/A
General Manager - Quality Assurance/Safety Review
(If Applicable) Date

SORC Review and Station Approvals

N/A
Mtg. No. Salem Chairman
Date

N/A
Mtg. No. Hope Creek Chairman
Date

N/A
General Manager - Salem
Date

N/A
General Manager - Hope Creek
Date

HOPE CREEK
EVENT CLASSIFICATION
CROSS REFERENCE
EVENT TO REQUIREMENT DOCUMENT
SECTION ii

NOTE: This section is not to be used for Event Classification.
Refer to Sections 1 thru 18.

<u>Initiating Event/Condition</u>	<u>Reference*</u>
1. Reactor Coolant Leakage Rate/LOCA	
A. Exceeding reactor coolant leak rate technical specification	UE5
B. Reactor coolant leak rate greater than 50gpm	AL5
C. Loss of coolant accident greater than makeup capacity	SA1
D. Loss of coolant accident with failure of ECCS systems to perform, or with potential containment failure.	GE6b,c
2. Steam Break or Safety/Relief Valve Failed Open	
A. Failure of a safety/relief valve to close following a reduction of pressure	UE6
B. Steam line break outside drywell	AL4
C. Steam line break outside drywell with continuing leakage	SA4
3. Failure to Scram	
A. Failure of the reactor protection system to automatically initiate and complete a scram which brings the reactor subcritical.	AL11
B. Conditions requiring operation of the standby liquid control system with subsequent failure to reduce power (continued power generation but no core damage evident).	SA9

* Unless otherwise identified, references are as outlined in Appendix I, NUREG 0654. Only initiating Event/Condition references for Emergency Classes UE - GE are listed here. Non-emergency references are included in the sections themselves.

CROSS REFERENCE EVENT/REQUIREMENT (continued)

NOTE: This section is not to be used for Event Classification.
 Refer to Sections 1 thru 18.

<u>Initiating Event/Condition</u>	<u>Reference*</u>
C. Conditions requiring operation of the stand-by liquid control system with subsequent failure to reduce power (containment failure imminent with significant core damage).	GE6a
4. Loss of Decay Heat Removal	
A. Complete loss of any decay heat removal capability needed for plant cold shutdown.	AL9 AL10
B. Complete loss of any decay heat removal capability needed for plant hot shutdown.	SA8
C. Continued loss of all conventional means of decay heat removal with core damage and containment failure possible if cooling not restored.	GE6d
5. Fuel Damage/Degraded Core	
A. Fuel damage indications	UE3a,b
B. Severe loss of fuel cladding	AL1a,b
C. Degraded core with indication of possible loss of coolable geometry	SA2
D. Fuel handling accident with radiological release to the Reactor Building from irradiated fuel.	AL12
E. Major irradiated fuel damage with radiological release exceeding (or projected to exceed) the threshold dose rates at the MEA for a Site Area Emergency.	SA10
6. Fission Product Boundary Failures (2/3)	
A. Severe loss of fuel cladding	GE2
B. Loss of RPV integrity	GE2
C. Loss of primary containment	GE2
7. Radiological Releases	
A. Contaminated injured person transported from the site to an offsite medical facility.	UE16

NOTE: This section is not to be used for Event Classification. Refer to sections 1 thru 18.

<u>Initiating Event/Condition</u>	<u>Reference</u>
7. Radiological Releases/Occurrences (cont'd)	
B. Loss, theft or diversion of any special nuclear material onsite	UE12 10CFR70.52
C. Increase in measured or calculated dose rates (mR/hr) or airborne activity levels by a factor of ≥ 1000 times (indication of degradation in control of radioactive materials)	A6
D. Liquid release that exceeds T/S limits for ≥ 15 minutes.	UE2
E. Gaseous release that exceeds T/S limits.	UE2
F. Gaseous release that exceeds 10 times T/S limits.	A15
G. Dose Rate at Minimum Exclusion Area (MEA - 0.56 miles from the affected unit) greater than or equal to 500 mR/hr Whole Body (WB) or 2500 mR/hr Thyroid.	SAE13
H. Dose Rate at Minimum Exclusion Area (MEA) greater than or equal to 1R/hr WB or 5 R/hr thyroid.	GE1
8. Nonradioactive Leak/Spill	
A. Toxic or flammable gas release that threatens plant personnel.	UE14d
B. Toxic or flammable gas release entering plant structures.	A18d
C. Toxic or flammable gas release entering into vital areas where safe plant operation is compromised.	SAE16c

NOTE: This section is not to be used for Event Classification. Refer to sections 1 thru 18.

<u>Initiating Event/Condition</u>	<u>Reference</u>
9. Electrical/Power Failure	
A. Loss of A.C. Power capability that requires Unit Shutdown	UE7
B. Loss of all offsite power	UE7
C. Loss of all offsite power and loss of most onsite A.C. Power	A7
D. Loss of all offsite power and loss of most onsite A.C. Power for an extended period of time.	SAE6
E. Total loss of all A.C. Power	SAE6
F. Loss of all vital onsite D.C. Power	A8
G. Loss of all vital onsite D.C. Power for > 15 minutes.	SAE7
10. Loss of Instruments/Alarms/Communications	
A. Indications or alarms on process or effluent parameters not functional in Control Room.	UE11
B. Loss of all or most OHAs	A14
C. Loss of all or most OHAs and plant transient initiated or in progress	SAE12
11. Control Room Evacuation	
A. Evacuation of Control Room anticipated or required.	A20
B. Evacuation of Control Room completed with control of S/D systems not established at the Remote S/D Panel within 15 minutes.	SAE18

NOTE: This section is not to be used for Event Classification. Refer to sections 1 thru 18.

<u>Initiating Event/Condition</u>	<u>Reference</u>
12. Earthquake/Severe Weather	
A. Earthquake/seismic event felt in-plant or instrument detected	UE13a
B. Earthquake/seismic event greater than Operating Basis Earthquake (OBE)	A17a
C. Earthquake/seismic event greater than Design Basis Earthquake (DBE)	SAE15a
D. Flood: Water level in river high	UE13b
E. Flood: Water level in river high; near design basis	A17b
F. Flood: Water level in river high; greater than design basis	SAE15b
G. Water level in river low	UE13b
H. Water level in river low near design basis	A17b
I. Water level in river lower than design basis	SAE15b
J. Hurricane/unusual wind indicated by met tower instrumentation	UE13d
K. Hurricane/unusual wind indicated by met tower instrumentation-near design basis	A17d
L. Hurricane/unusual wind indicated by met tower instrumentation-greater than design basis	SAE15c
M. Tornado funnel observed, within MEA	UE13c

NOTE: This section is not to be used for Event Classification. Refer to sections 1 thru 18.

<u>Initiating Event/Condition</u>	<u>Reference</u>
12. Earthquake/Severe Weather (cont'd)	
N. Tornado funnel observed within the protected area	A17c
O. Tornado funnel observed, affecting plant structures	SAE5c
P. Any major internal or external event substantially beyond design basis.	GE7
13. Site Hazards (explosions, crashes, etc.)	
A. Aircraft unusual activity over Facility or crash within the MEA	UE14a
B. Aircraft crash within the Protected Area	A18a
C. Aircraft crash affecting Plant Structures	SAE16a
D. Turbine rotating component failure	UE14e
E. Turbine rotating component failure causing casing penetration	A18e
F. Missile impact onsite from any source within the Protected Area.	A18b
G. Missile impact onsite damaging a Plant Structure	SAE16b

NOTE: This section is not to be used for event Classification. Refer to sections 1 thru 18.

<u>Initiating Event/Condition</u>	<u>Reference</u>
13. Site Hazards (explosions, crashes, etc.) (cont'd)	
H. Unplanned explosion affecting plant operations	UE14c
I. Unplanned explosion potentially compromising the function of one or more safety systems or normal operation of the plant	A18c
J. Unplanned explosion compromising the function of one or more safety systems	SAE16b
K. Any major event substantially beyond design basis.	GE7
14. Fire	
A. Fire lasting > 10 min that affects plant operations	UE10
B. Fire potentially compromising the function of one or more safety systems	A13
C. Fire compromising the function of one or more safety systems	SAE11
D. Any major fire (substantially beyond design basis) which could cause massive common damage to safety systems.	GE7
15. Personnel Emergencies	
A. Contaminated injured person transported from site to an offsite medical facility.	UE16

NOTE: This section is not to be used for Event Classification. Refer to sections 1 thru 18.

<u>Initiating Event/Condition</u>	<u>Reference</u>
16. Security Events	
A. Loss, theft or diversion of any special nuclear material onsite	UE12 10CFR70.52
B. Substantiated threat, attempted entry or discovery of a suspected destructive device or evidence of a malicious act.	UE12
C. Security Alert	UE12
D. Substantiated threat, attempted entry or discovery of a suspected destructive device or evidence of a malicious act with a Security Alert declared.	A16
E. Ongoing security compromise	A16
F. Ongoing security compromise with imminent loss of physical control of the plant.	SAE14
G. Ongoing security compromise with in the loss of physical control of the plant.	GE3
17. Public Interest Items	
A. Any plant conditions exist that warrant increased awareness on the part of STATE/LOCAL authorities.	UE15
B. Any plant conditions exist that warrant precautionary standby of STATE/Local authorities.	A19

NOTE: This section is not to be used for Event Classification. Refer to sections 1 thru 18.

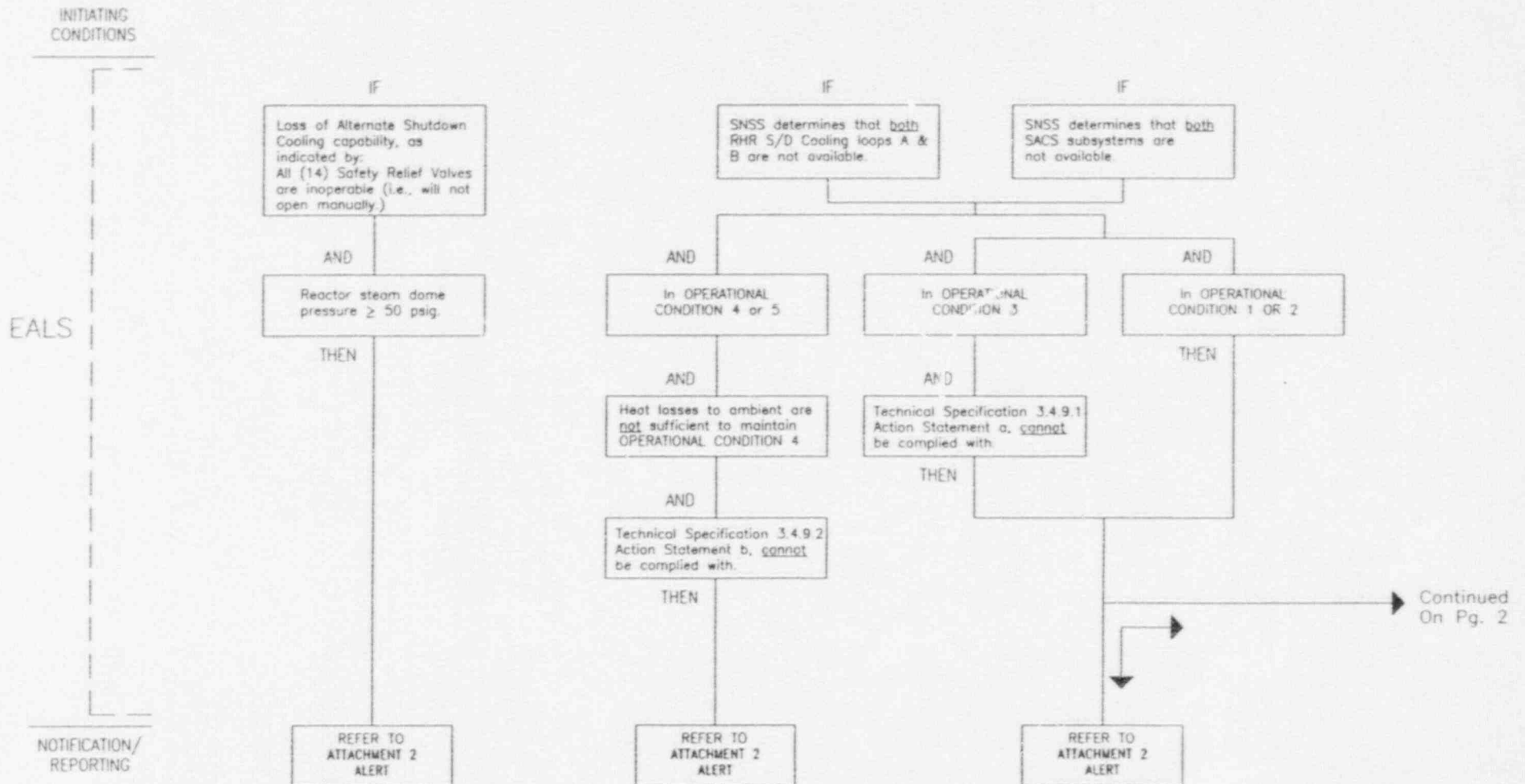
<u>Initiating Event/Condition</u>	<u>Reference</u>
C. Any plant conditions exist that warrant precautionary activation of STATE/LOCAL authorities and notification to the general public.	SAE17
18. Tech. Specs/Plant Status Changes	
A. Unit shutdown to comply with the following T/S LCO's:	UE3, UE4, UE5, UE7, UE8
1. Reactor Coolant System (RCS) leakage	
2. Specific activity of the Primary Coolant	
3. A.C. Electrical power sources	
4. RCS pressure/temperature limits	
5. Primary Containment Integrity	
B. Exceeding any T/S Safety Limit	UE4 Tech. Spec 2.1 and 6.7.1
C. Manual or automatic ECCS actuation with discharge to the vessel.	UE1
D. Liquid release that exceeds T/S limits for ≥ 15 mins.	UE2
E. Gaseous release that exceeds T/S limits.	UE2

CROSS REFERENCE
ATTACHMENTS TO EVENTS
SECTION iii

<u>ATTACHMENT</u>	<u>EVENT/INITIATING CONDITION</u>
1	1A, 2A, 5A, 7A, 7B, 7D, 7E, 8A, 9A, 9B, 10A, 12A, 12D, 12G, 12J, 12M, 13A, 13D, 13H, 14A, 15A, 16A, 16B, 16C, 17A, 18A, 18B, 18C, 18D, 18E
2	1B, 2B, 3A, 4A, 5B, 5D, 7C, 7F, 8B, 9C, 9F, 10B, 11A, 12B, 12E, 12H, 12K, 12N, 13B, 13E, 13F, 13I, 14B, 16D, 16E, 17B
3	1C, 2C, 3B, 4B, 5C, 5E, 7G, 8C, 9D, 9E, 9G, 10C, 11B, 12C, 12F, 12I, 12L, 12O, 13C, 13G, 13J, 14C, 16F, 17C
4	1D, 3C, 4C, 6, 7H, 12P, 13K, 14D, 16G
10	7I, 7L, 7M
11	7I, 7K, 16H
12	7N (2,4,6), 8D, 10D, 15B, 17D, 18F, 18G, 18H 18I, 18J, 18K
14	7N (1,3,5), 15C, 17E, 18L, 18M, 18N, 18O
15	17F, 17G
16	8D, 8E
17	15D, 15E
18	7J
19	16I
20	18P, 18Q
21	17H
22	18R, 18S, 18T

LOSS OF DECAY HEAT REMOVAL

A. COMPLETE LOSS OF ANY DECAY HEAT REMOVAL CAPABILITY NEEDED FOR PLANT COLD SHUTDOWN



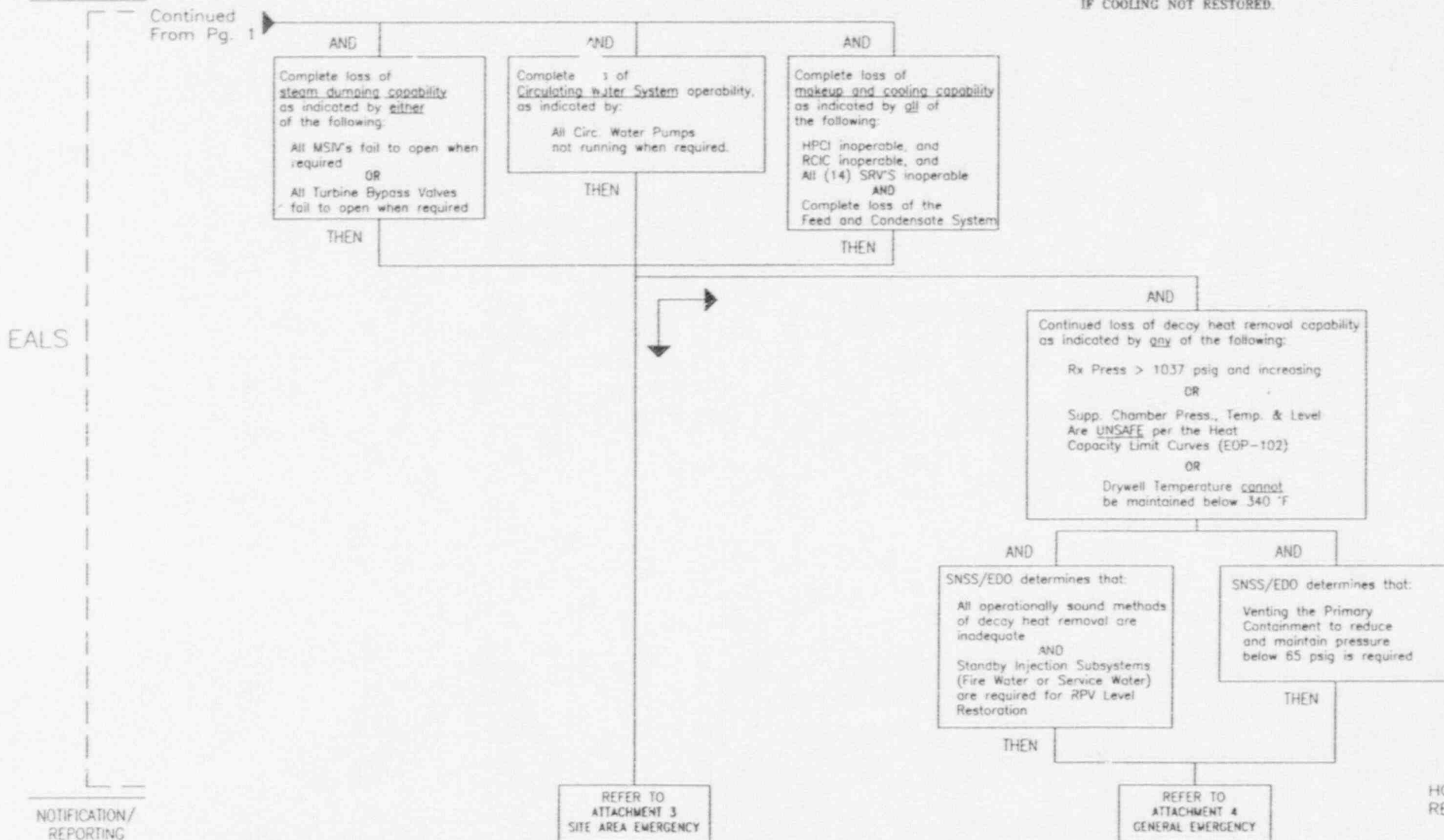
SECTION 4

LOSS OF DECAY HEAT REMOVAL

INITIATING
CONDITIONS

B. COMPLETE LOSS OF ANY DECAY HEAT REMOVAL CAPABILITY NEEDED FOR PLANT HOT SHUTDOWN

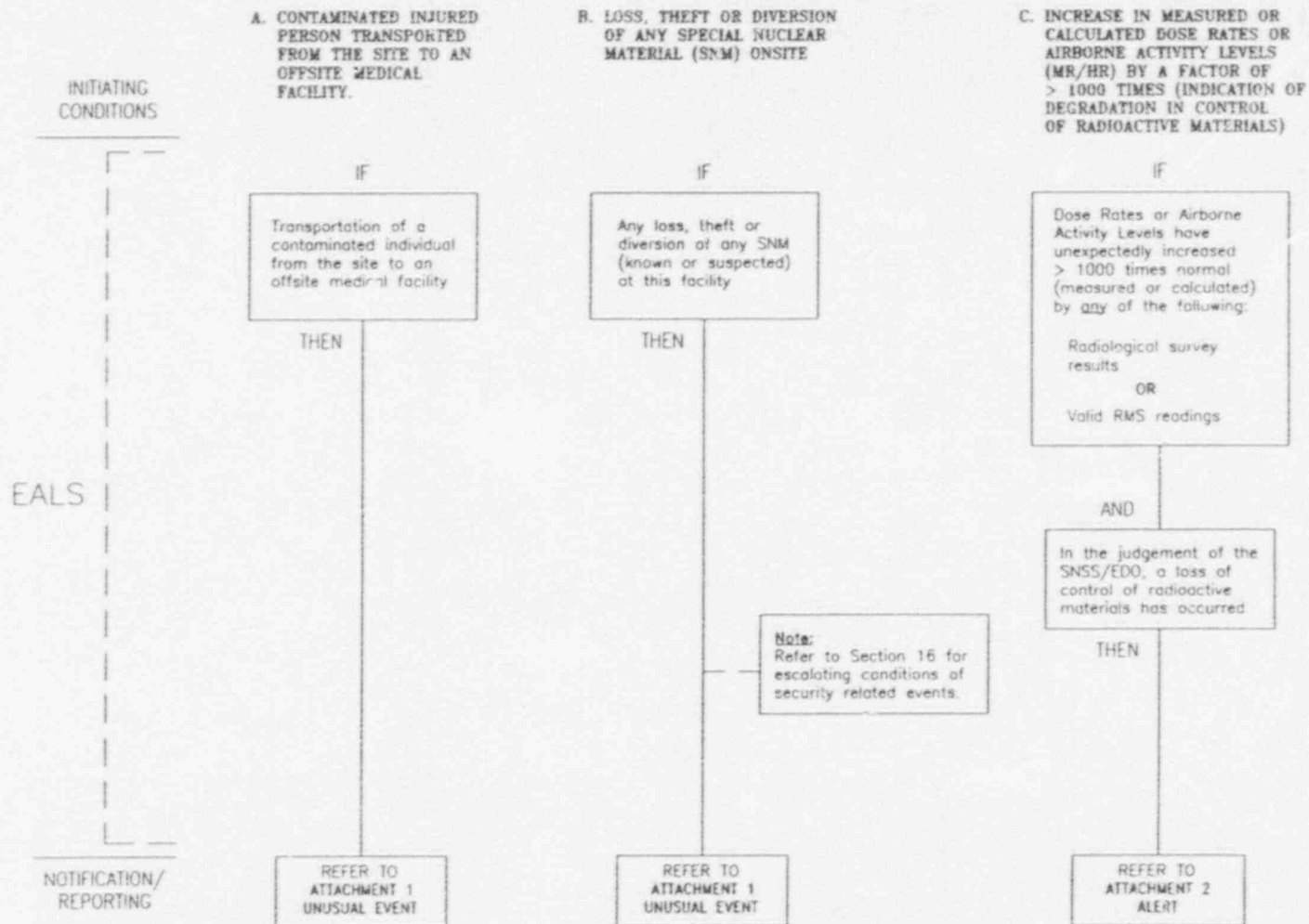
C. CONTINUED LOSS OF ALL CONVENTIONAL MEANS OF
DECAY HEAT REMOVAL WITH CORE DAMAGE
AND CONTAINMENT FAILURE POSSIBLE
IF COOLING NOT RESTORED.



SECTION 7

RADIOLOGICAL RELEASES / OCCURRENCES

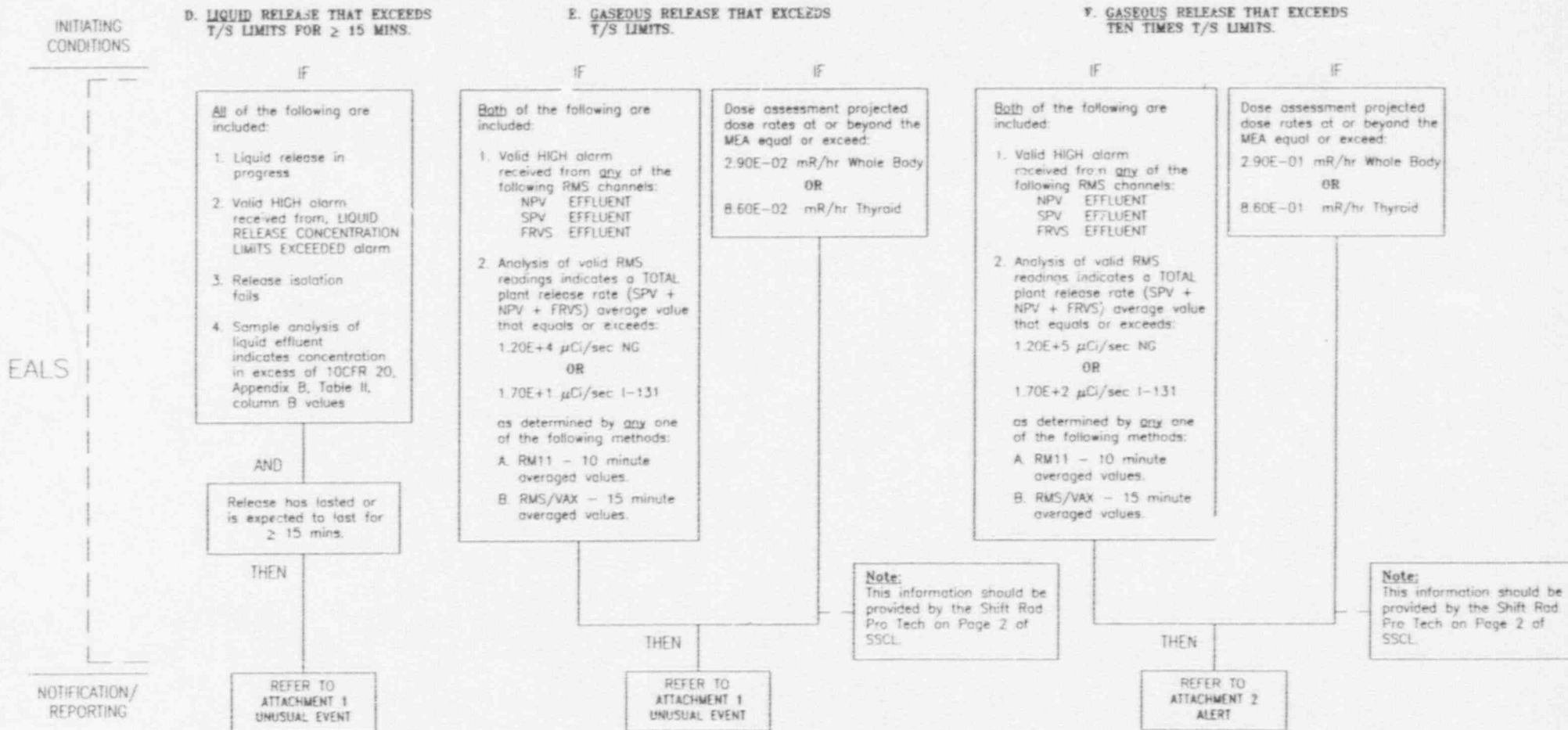
NOTE: Action levels listed are for valid RMS channel indications. The validity of the indication should be confirmed by sample analysis or other means as necessary.



SECTION 7

RADIOLOGICAL RELEASES / OCCURRENCES

NOTE: Action levels listed are for valid RMS channel indications AND/OR confirmed sample analysis.



SECTION 7

RADIOLOGICAL RELEASES / OCCURRENCES

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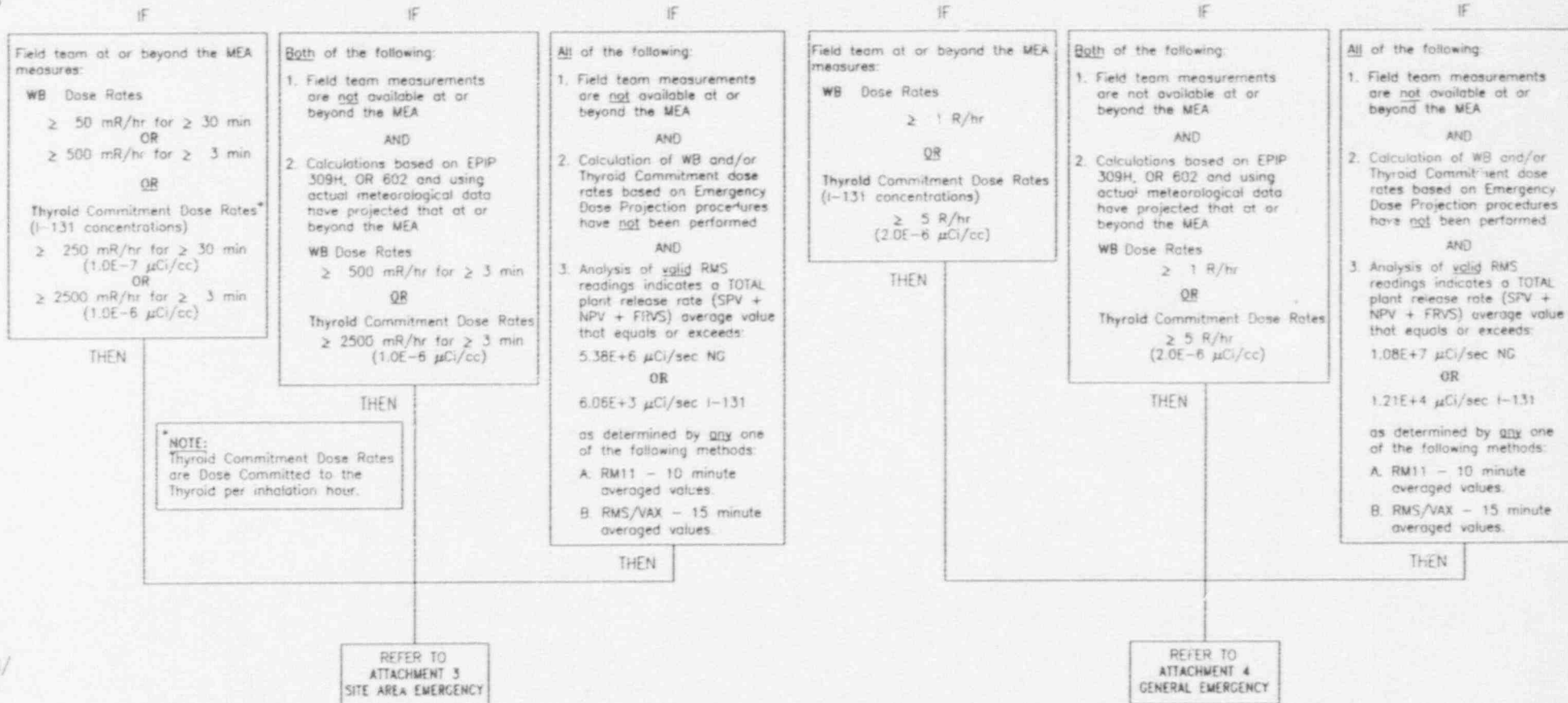
G. DOSE RATE AT MINIMUM EXCLUSION AREA (MEA-0.56 MILES FROM AFFECTED UNIT)
GREATER THAN OR EQUAL TO 500 mR/hr WHOLE BODY (WB) OR 2500 mR/hr THYROID

H. DOSE RATE AT MINIMUM EXCLUSION AREA (MEA-0.56 MILES FROM AFFECTED UNIT)
GREATER THAN OR EQUAL TO 1000 mR/hr WHOLE BODY (WB) OR 5000 mR/hr THYROID

INITIATING
CONDITIONS

EALS

NOTIFICATION/
REPORTING



SECTION 7

RADIOLOGICAL RELEASES / OCCURRENCES

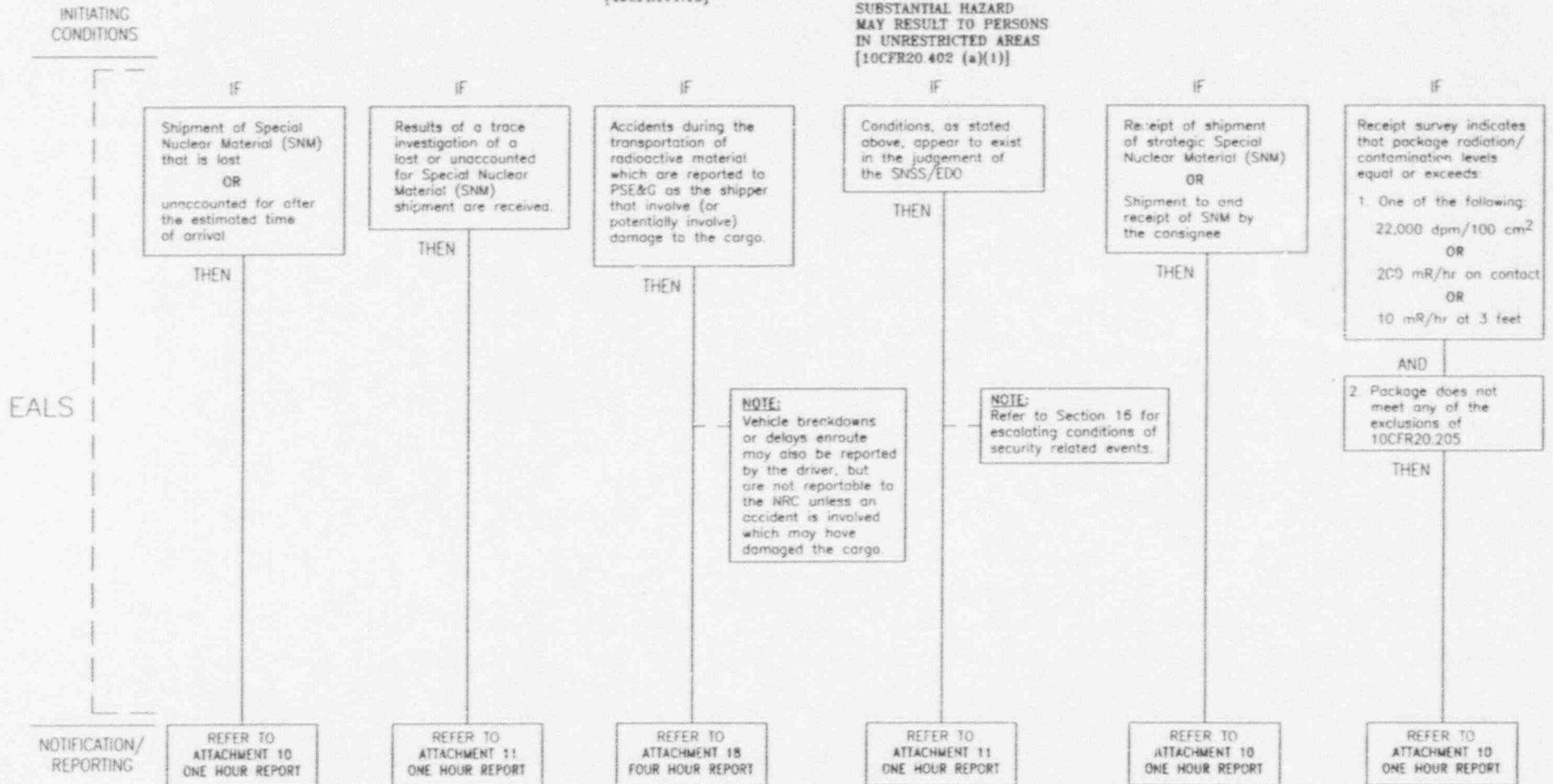
I. LOSS AND INVESTIGATION OF THE
LOSS OF SPECIAL NUCLEAR MATERIAL
[10CFR73.27 (c)] [10CFR73.71 (a)]

J. ACCIDENT OCCURRING
DURING TRANSPORTATION
OF LICENSED MATERIAL
[10CFR71.5 (a)(1)(v)]
[49CFR171.15]

K. LOSS OR THEFT OF
LICENSED MATERIAL IN
SUCH CIRCUMSTANCES
THAT IT APPEARS TO
THE LICENSEE THAT A
SUBSTANTIAL HAZARD
MAY RESULT TO PERSONS
IN UNRESTRICTED AREAS
[10CFR20.402 (a)(1)]

L. RECEIPT OF SNM MATERIAL
[10CFR73.27 (b)]

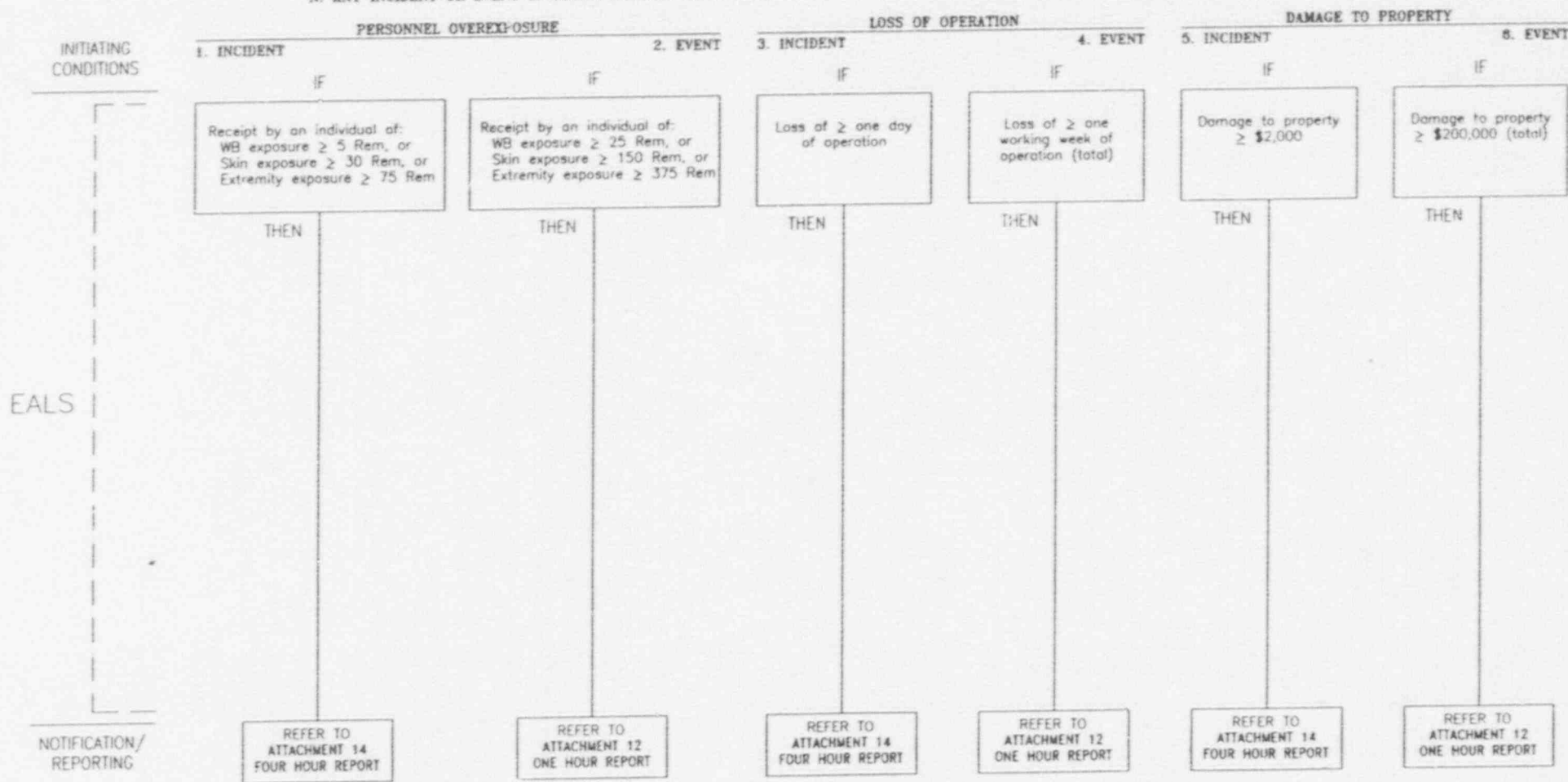
M. EXCESSIVE CONTAMINATION
AND/OR RADIATION LEVELS
ON A PACKAGE
[10CFR20.205]



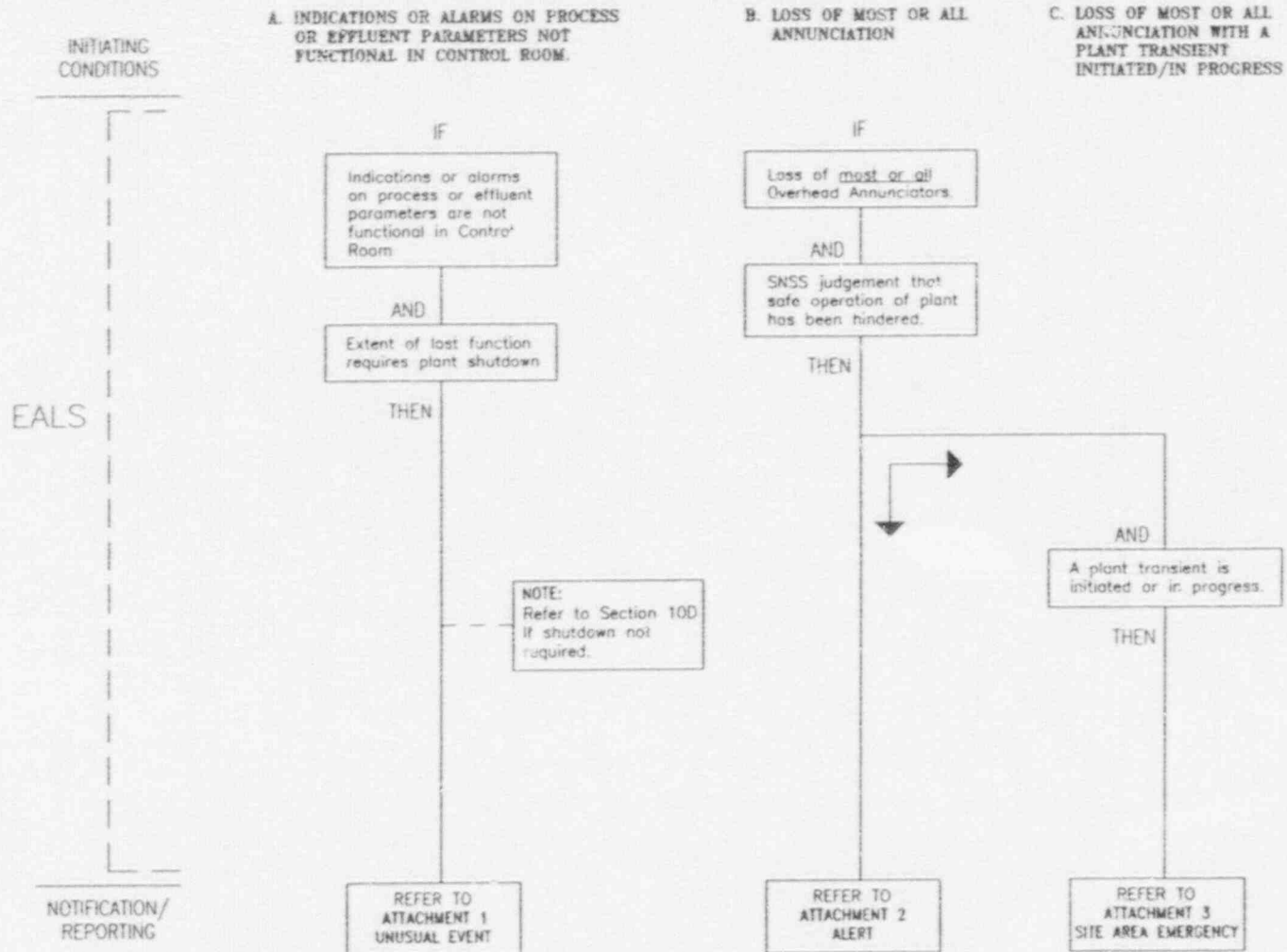
SECTION 7

RADIOLOGICAL RELEASES / OCCURRENCES

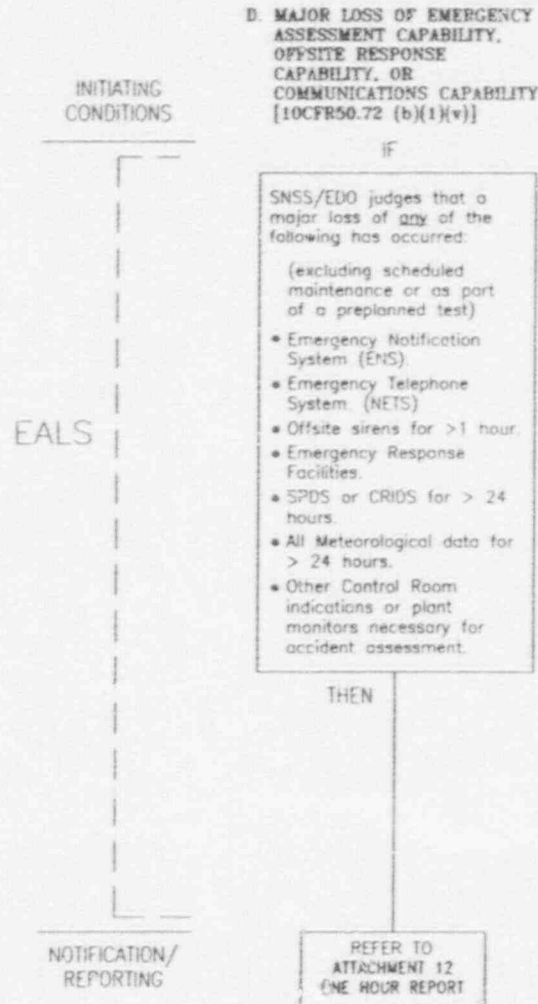
N. ANY INCIDENT OR EVENT INVOLVING BYPRODUCT, SOURCE, OR SPECIAL NUCLEAR MATERIAL CAUSING ANY OF THE LISTED RESULTS. [10CFR20.403]



SECTION 10 LOSS OF INSTRUMENTATION/ANNUNCIATION/COMMUNICATIONS

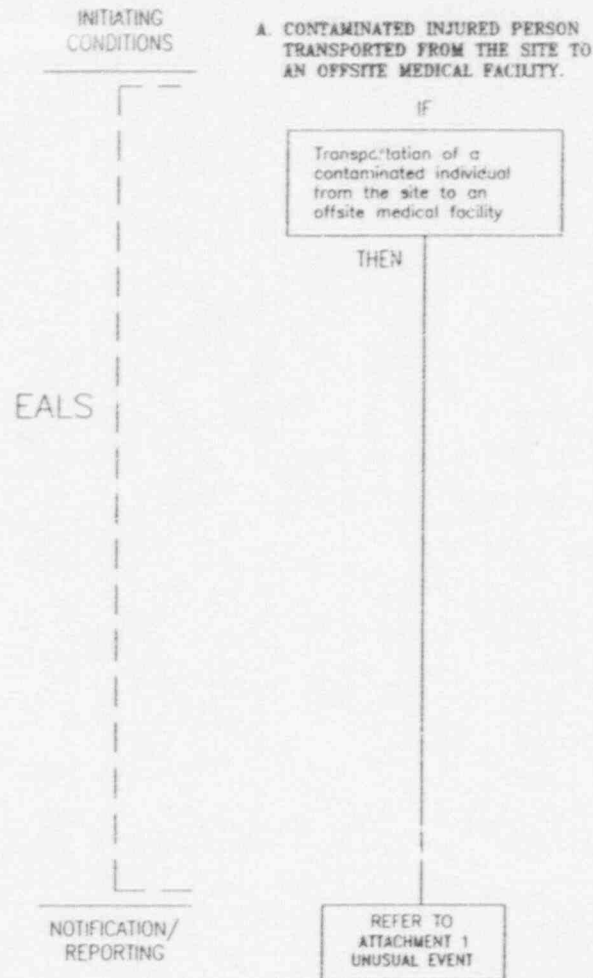


SECTION 10 LOSS OF INSTRUMENTATION/ANNUNCIATION/COMMUNICATIONS



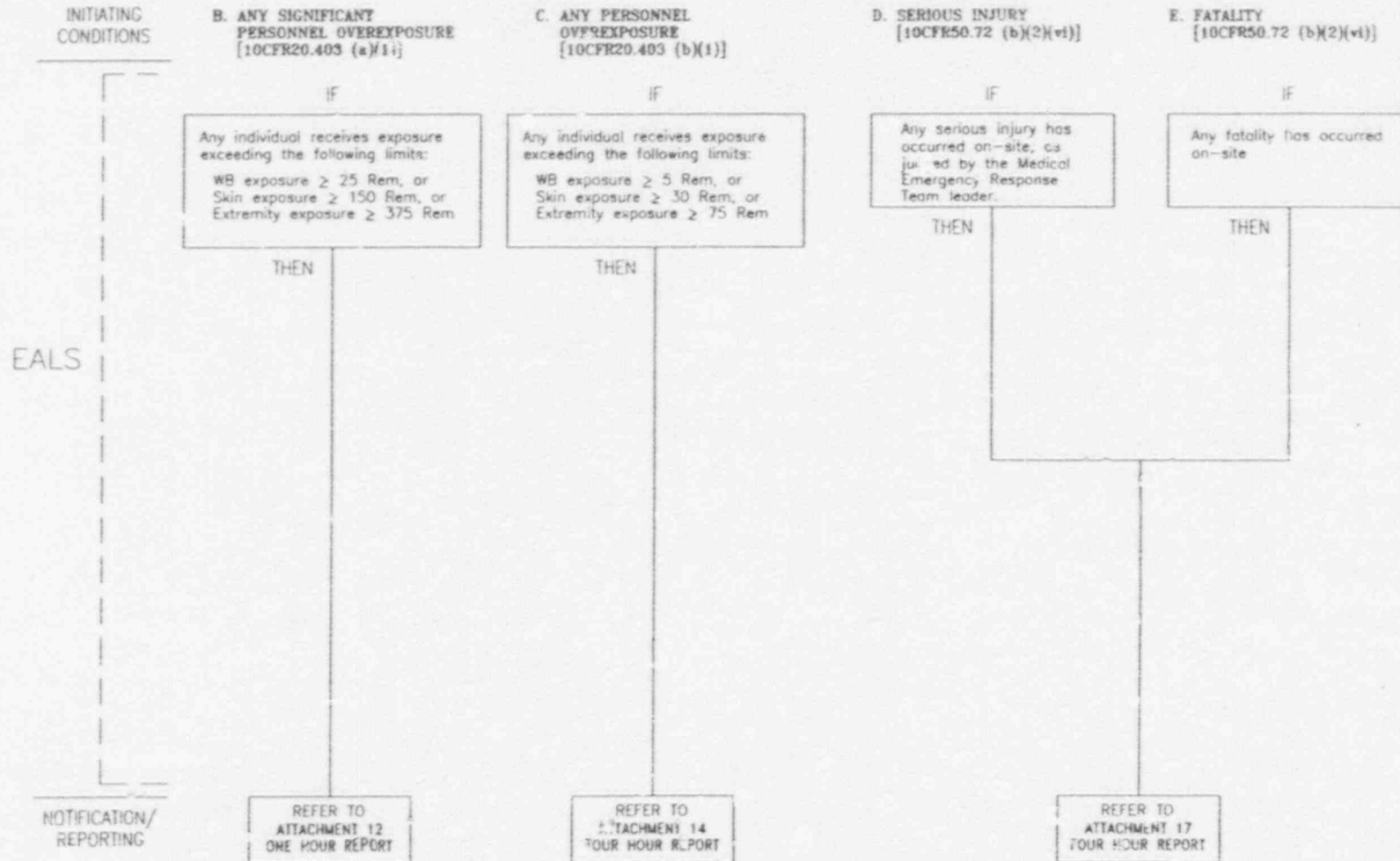
PERSONNEL EMERGENCIES

INJURIES / OVEREXPOSURES

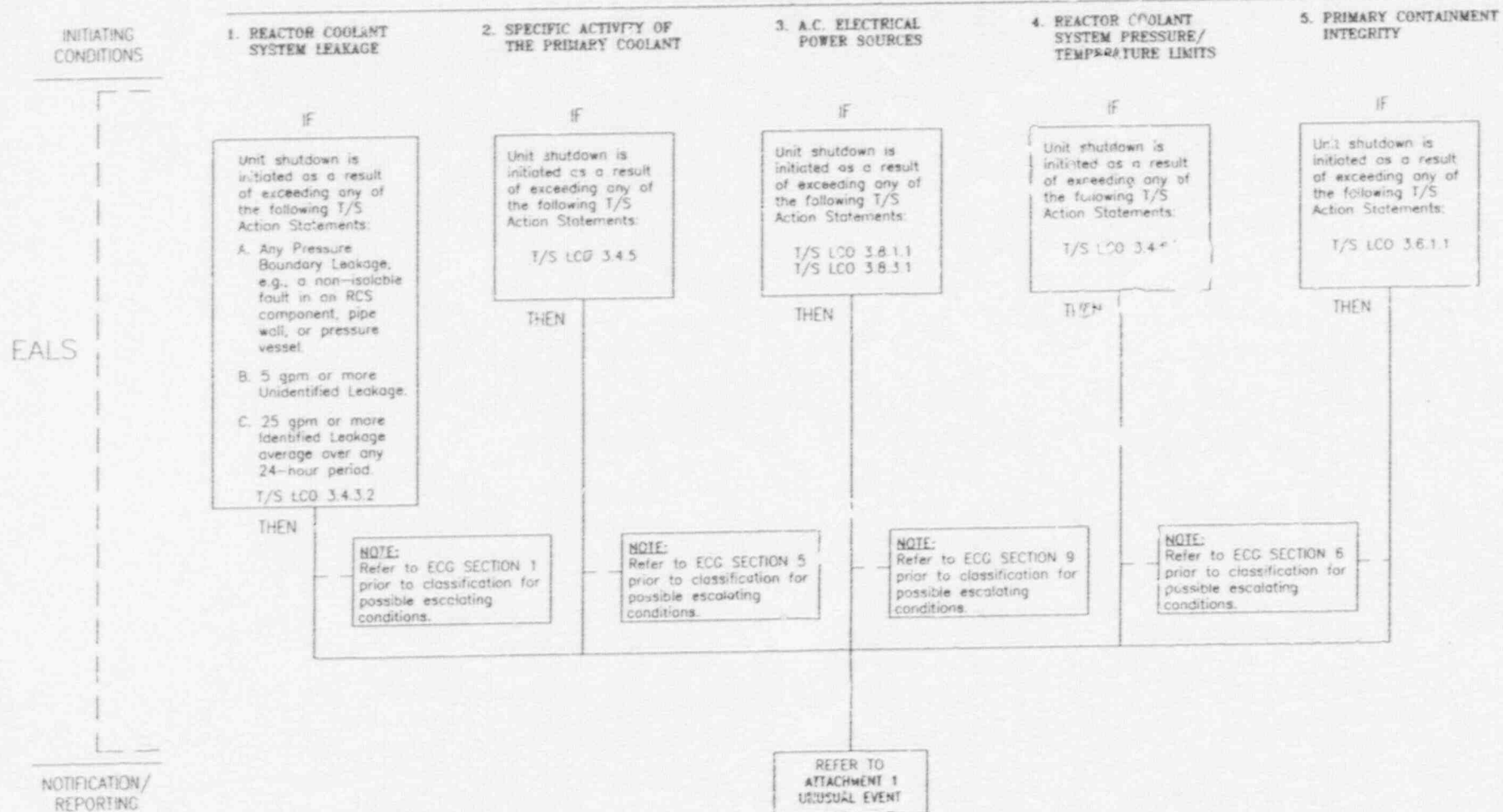


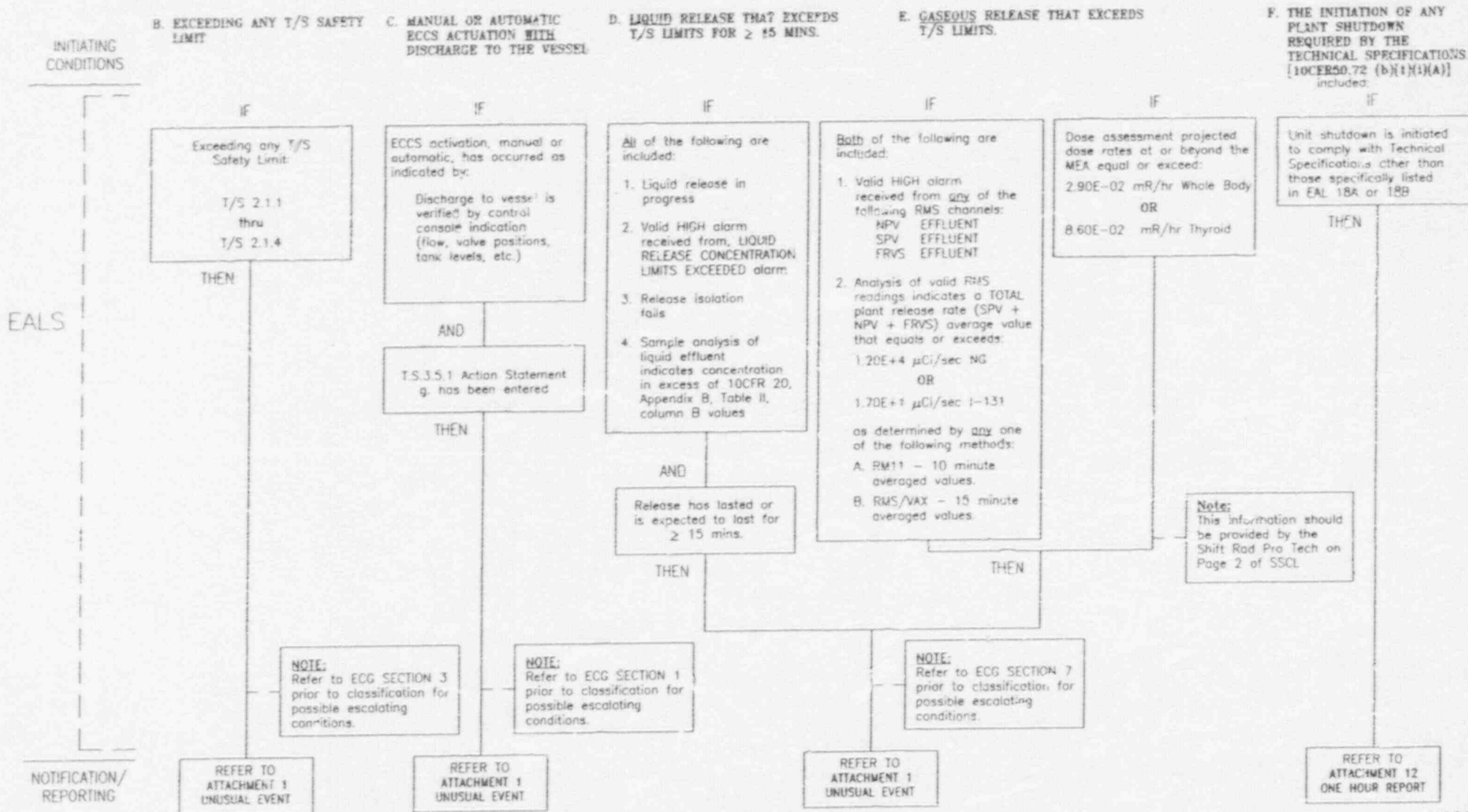
SECTION 15

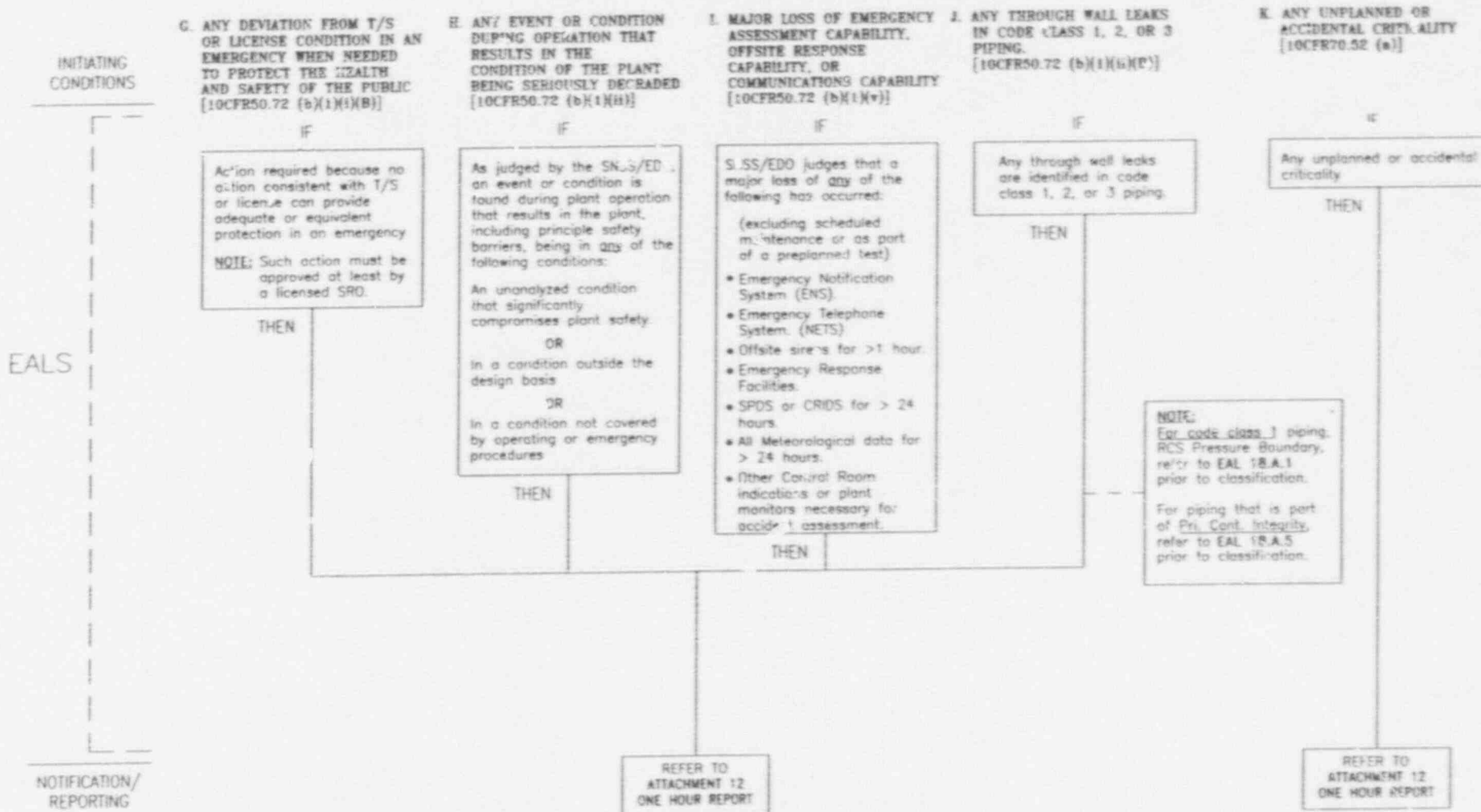
PERSONNEL EMERGENCIES
INJURIES / OVEREXPOSURES

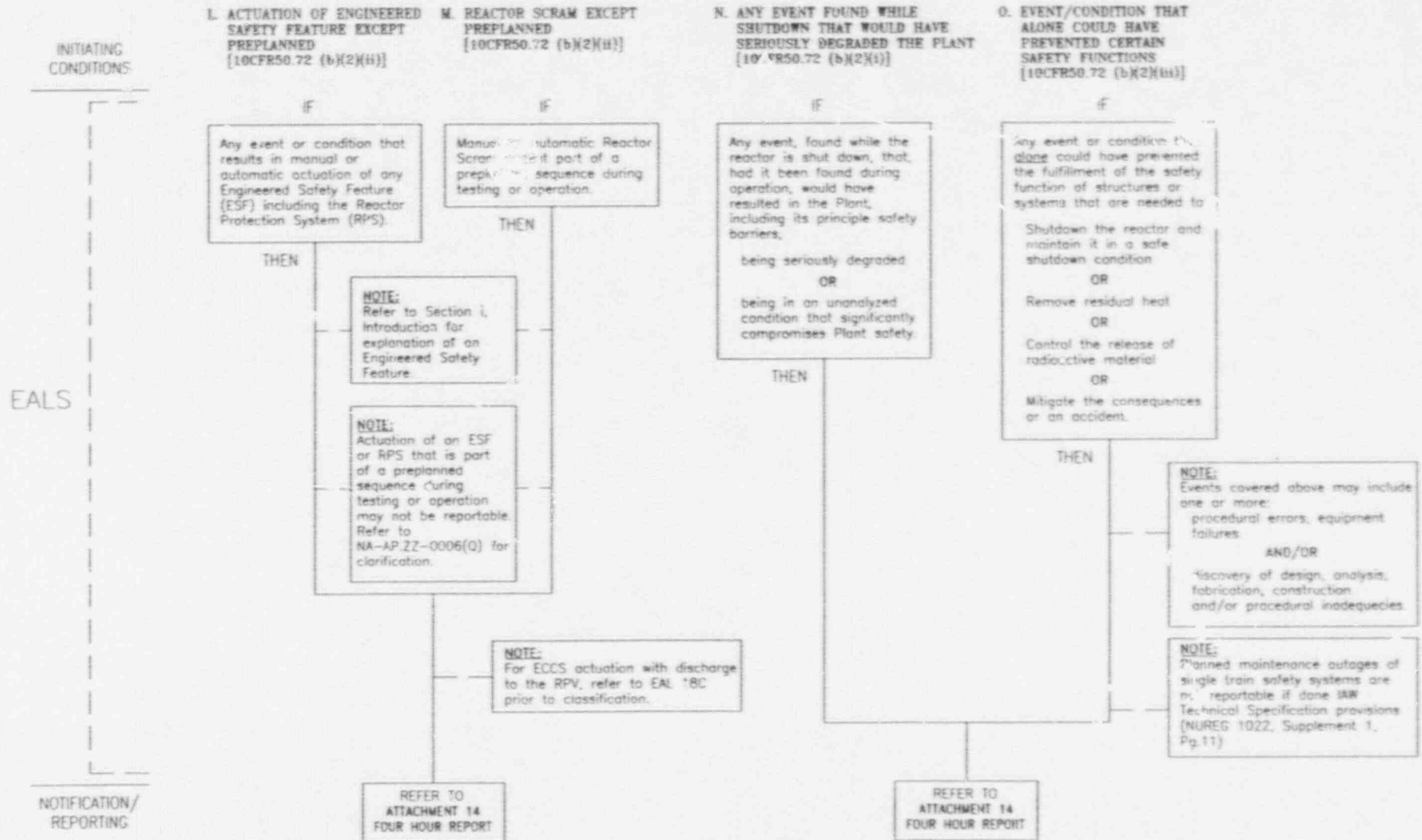


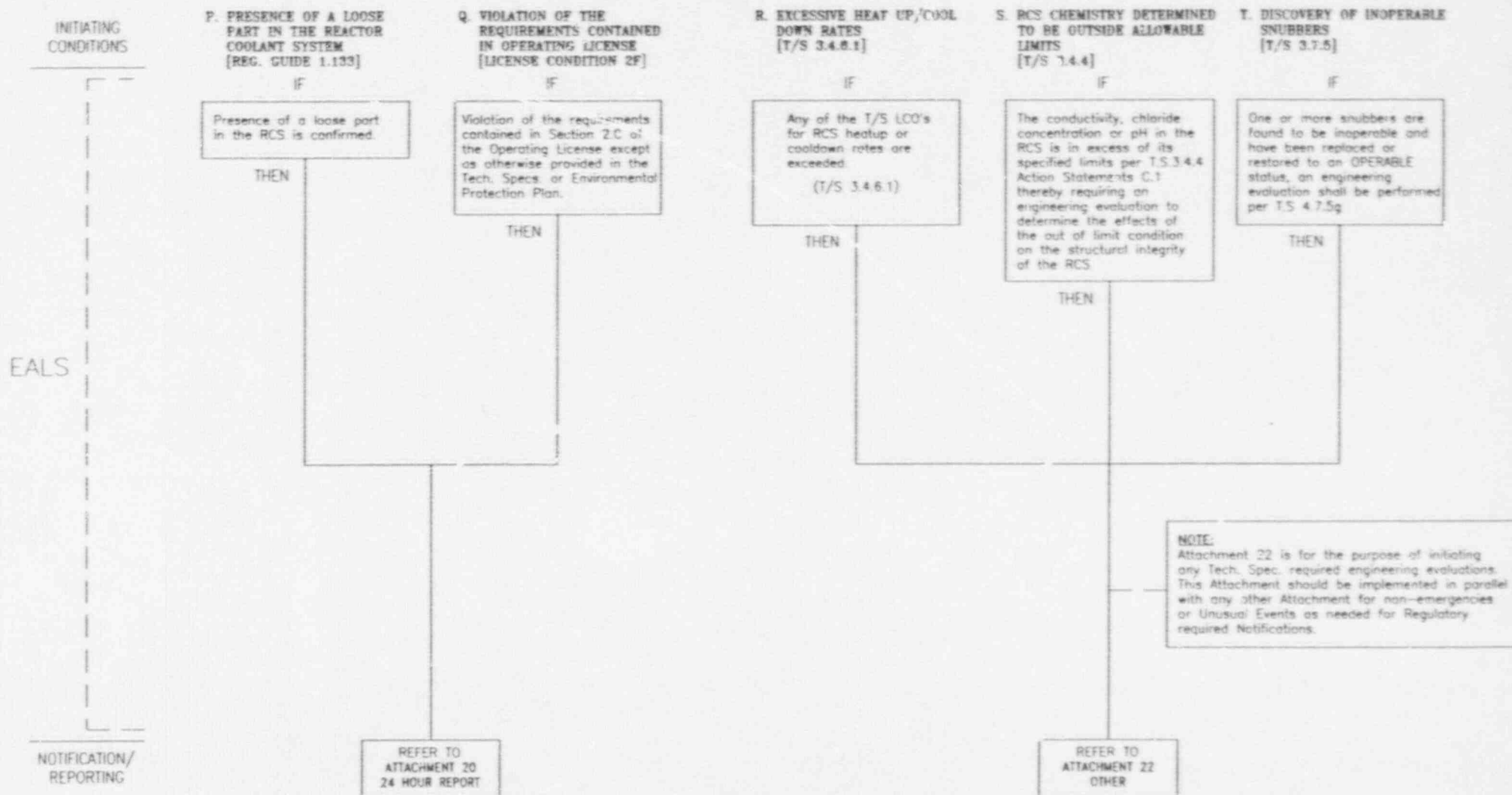
A. UNIT SHUTDOWN INITIATED TO COMPLY WITH THE FOLLOWING TECH. SPEC. LCO'S:











ATTACHMENT 6

DESIGNATED COMMUNICATOR (CM1) COMMUNICATIONS LOG

- UNUSUAL EVENT
- ALERT
- SITE AREA EMERGENCY

Table of Contents

	<u>Page</u>
Designated Communicator (CM1) Log Sheet	2
Communications Log - Hope Creek Emergency	3-6

Instructions

1. This is a permanent record.
2. Initial items implemented.

Name

Date Time

CR TSC EOF
Location (circle one)

I. DESIGNATED COMMUNICATOR (CM1) LOG SHEET

INITIALS

NOTE:

Implement a new working copy of this attachment for changes in Emergency Classification as directed by the Emergency Coordinator (EC).

CM1/TSC1
/EOF1

1. Obtain approved Initial Contact Message Form (ICMF) from the Emergency Coordinator (EC). Telephonically provide ICMF to contacts on the communications log (pages 3 through 6).

NOTE:

Turnover of notifications responsibility may only occur after the Emergency Coordinator position transfers and a copy of the ICMF is available to the oncoming communicator (TSC or EOF).

CM1/TSC1

2. When the TSC (or EOF) is ready to assume notifications responsibilities, discuss the following with your relief.
 - a. Organizations/Individuals notified of the current level of Emergency.
 - b. Provide, as appropriate, names and locations (numbers) of those contacted for updates/changes.

CM1/TSC1
/EOF1

3. Initiate followup transmission of ICMF on telecopier Group A if not done previously.

CM1

4. Assist the Secondary Communicator (CM2) in the transmission of data forms using the telecopier.

CM1

5. If telecopier is not working properly, request assistance from the Emergency Preparedness Advisor in the TSC (NETS 5213).

CM1/TSC1
/EOF1

6. Upon termination of the event obtain the completed REDUCTION IN EVENT STATUS MESSAGE FORM from the EC. Implement notification using the Communications Log. (Time limits do not apply.)

CM1/TSC1
/EOF1

7. When the emergency is terminated or you are relieved of duty, forward this and all other completed documents to the SNSS/EDO/ERM.

COMMUNICATIONS LOG

INITIAL NOTIFICATION

EVENT REDUCTION

TIME LIMIT	CLASSIFICATION: (UE/A/SAE) ORGANIZATIONS/INDIVIDUALS	NAME OF CONTACT	DATE/ TIME	CALLER	NAME OF CONTACT/ TIME
15 MIN.	DELAWARE STATE POLICE/DEPO Primary: NETS 5406/5407 Secondary: 302-739-5851 (SP) or 302-834-4531(DEPO) Backup: NAWAS	Call Back:			
NOTES: IF DELAWARE IS CONTACTED, PROCEED WITH NEW JERSEY.		IF UNABLE TO CONTACT DELAWARE STATE (above), CONTACT BOTH OF THE FOLLOWING.			
New Castle County Primary: NETS 5408 Secondary: 302-738-3131					
Kent County Primary: NETS 5409 Secondary: 302-736-2222					
15 MIN.	NEW JERSEY STATE POLICE/OEM (Speak only with Trooper on duty) Primary: Nets 5400 Secondary: 882-2000 Backup: EMRAD	Call Back:			
NOTES: IF NEW JERSEY IS CONTACTED, PROCEED TO NEXT PAGE.		IF UNABLE TO CONTACT NEW JERSEY STATE (above), CONTACT ALL OF THE FOLLOWING.			
Salem County Primary: NETS 5402 Secondary: 769-2959					
Cumberland County Primary: NETS 5403 Secondary: 455-8500					
U. S. Coast Guard (Speak Only With Duty Desk) Primary: 215-271-4940 Secondary: 215-271-4800					

COMMUNICATIONS LOG

INITIAL NOTIFICATION

EVENT
REDUCTION

TIME LIMIT	CLASSIFICATION: (UE/A/SAE)	NAME OF CONTACT	DATE/ TIME	CALLER	NAME OF CONTACT/ TIME
	ORGANIZATIONS/INDIVIDUALS				
20 MIN.	Emergency Duty Officer (EDO) Primary: Refer to Roster Secondary: Contact One Below Bob Hovey Office: 3478 Home: 609-678-8645 Pager: 478-5284 Jim Clancy Office: 3736 Home: 609-455-9110 Pager: 478-5073 Steve Funsten Office: 3115 Home: 215-358-0635 Pager: 478-5280 Joe Hagan Office: 3463 Home: 609-678-5265 Pager: 478-5279				
20 MIN.	Tech. Supp. Supervisor (TSS) Primary: Refer to Roster Secondary: Contact One Below Steve Saunders Office: 3661 Home: 609-358-6212 Pager: 478-5343 George Daves Office: 3071 Home: 609-455-3163 Pager: 478-5281 Phil Opsal Office: 3065 Home: 609-478-0721 Pager: 478-5254 Bill O'Malley Office: 3671 Home: 609-935-6136 Pager: 478-5674				

- NOTES: (1) During normal working hours, the PA system may also be used to request an individual to call the control room.
 (2) After TSC activation, individual notification of EDO and TSC is not required by CM1.

COMMUNICATIONS LOG

INITIAL NOTIFICATION

EVENT REDUCTION

TIME LIMIT	CLASSIFICATION: _____ (UE/A/SAE) ORGANIZATIONS/INDIVIDUALS	NAME OF CONTACT	DATE/ TIME	CALLER	NAME OF CONTACT/ TIME
30 MIN.	LAC Township Primary: NETS 5404 Secondary: 935-7300				
30 MIN.	General Manager - Hope Creek Operations (Contact One) Joe Hagan Office: 3463 Home: 609-678-5265 Pager: 478-5279 Car: 922-5622 Bob Hovey Office: 3478 Home: 609-678-8645 Pager: 478-5284				
30 MIN.	Public Information Manager - Nuclear (Contact One) Dick Silverio Office: 1002 Home: 609-829-1546 Pager: 478-5098 Karen Bell Office: 1006 Home: 302-324-8076 Pager: 478-5051 Car: 471-4872 Wes Denman Office: 1007 Home: 609-935-6349 Pager: 478-5229				
60 MIN.	NRC Operations Center (ICMF & NRC Data Sheet) Primary: (ENS) Secondary: 301-951-0550, 301-427-4259, 301-427-4056, 301-492-8893				

NOTES: _____

COMMUNICATIONS LOG

INITIAL NOTIFICATION

EVENT REDUCTION

TIME LIMIT	CLASSIFICATION: _____ (UE/A/SAE) ORGANIZATIONS/INDIVIDUALS	NAME OF CONTACT	DATE/TIME	CALLER	NAME OF CONTACT/TIME
60 MIN.	NRC Residents (Contact One) Tom Johnson Office: 3280 or 935-5151 Home: 301-272-1480 Kirke Lathrop Office: 3280 or 935-5151 Home: 301-392-0369				
60 MIN.	Emergency Preparedness (Contact One) Jim Schaffer Office: 1575 Home: 609-299-2057 Pager: 478-5086 Tom DiGuisseppi Office: 1517 Home: 609-398-8323 Pager: 478-5203 Craig Banner Office: 1157 Home: 609-728-5043 Pager: 478-5215				
NOTE: Remind External Affairs Repr. to contact the Board of Public Utilities & NJ Depart. of Energy					
90 MIN.	External Affairs (Contact One) Mike Bachman Office: 1434 Home: 609-358-7211 Pager: 478-5206 Brian Gorman Office: 1433 Home: 609-228-1089 Pager: 478-5100 Jan Moyle Office: 1436 Home: 609-424-8522 Pager: 478-5259				
90 MIN.	American Nuclear Insurers: 203-677-7305	*			

*NOT REQUIRED FOR UNUSUAL EVENTS

ATTACHMENT 7

DESIGNATED COMMUNICATOR (CM1) COMMUNICATIONS LOG

- GENERAL EMERGENCY
 PROTECTIVE ACTION RECOMMENDATION (PAR) UPDATE

Table of Contents

	<u>Page</u>
Designated Communicator (CM1) Log Sheet	2
Communications Log - Hope Creek Emergency	4-7

Instructions

1. This is a permanent record.
2. Initial items implemented.

Name

Date Time

CR TSC EOF
Location (circle one)

I. DESIGNATED COMMUNICATOR (CM1) LOG SHEET

INITIALS

NOTE:
Implement a new working copy of this attachment for changes in Emergency Classification as directed by the Emergency Coordinator (EC).

NOTE:
For 15 minute notifications use NETS X5555 conference call (separate contact required for Coast Guard).

- CM1/TSC1
/EOF1
1. Obtain approved Initial Contact Message Form (ICMF) from the Emergency Coordinator (EC). Telephonically provide ICMF to contacts on the communications log (pages 4 through 7).

NOTF:
Turnover of notification responsibility may only occur after the Emergency Coordinator position transfers and a copy of the ICMF is available to the oncoming communicator (TSC or EOF).

- CM1/TSC1
2. When the TSC (or EOF) is ready to assume notifications responsibilities, discuss the following with your relief.
 - a. Organizations/Individuals notified of the current level of Emergency.
 - b. Provide, as appropriate, names and locations (numbers) of those contacted for updates/changes.
 3. Initiate followup transmission of ICMF on telecopier Group A if nct done previously.

CM1/TSC1
/EOF1
 4. Assist the Secondary Communicator (CM2) in the transmission of data forms using the telecopier.

CM1
 5. If telecopier is not working properly, request assistance from the Emergency Preparedness Advisor in the TSC (NETS 5213).

CM1

INITIALS

- CM1/TSC1
/EOF1
6. Upon reduction of the Event Classification, obtain the completed REDUCTION IN EVENT STATUS MESSAGE FORM from the EC. Implement notification using the Communications Log. (Time limits do not apply.)
- CM1/TSC1
/EOF1
7. When the emergency is terminated or you are relieved of duty, forward this and all other completed documents to the SNSS/EDO/ERM.

COMMUNICATIONS LOG

INITIAL NOTIFICATION

EVENT REDUCTION

TIME LIMIT	CLASSIFICATION: General Emergency ORGANIZATIONS/INDIVIDUALS	NAME OF CONTACT	DATE/TIME	CALLER	NAME OF CONTACT/TIME
15 MIN.	NEW JERSEY STATE POLICE/OEM (Speak only with Trooper on duty) Primary: Nets 5400 Secondary: 882-2000	Call Back:			
	DELAWARE STATE POLICE/DEPO Primary: Nets 5406/5407 Secondary: 302-739-5851 (SP) or 302-834-4531 (DEPO) Backup: NAWAS	Call Back:			
	LAC Township Primary: Nets 5404 Secondary: 935-7300	Call Back:			
	Salem County Primary: NETS 5402 Secondary: 769-2959 Backup: EMRAD	Call Back:			
	Cumberland County Primary: NETS 5403 Secondary: 455-8500 Backup: EMRAD	Call Back:			
	New Castle County Primary: NETS 5408 Secondary: 302-738-3131	Call Back:			
	Kent County Primary: NETS 5409 Secondary: 302-736-2222	Call Back:			
15 MIN.	U.S. Coast Guard (Speak Only With Duty Desk) Primary: 215-271-4940 Secondary: 215-271-4800	Call Back:			

Reminder: Use NETS 5555 (conference call) for 15 min. notification(s) except for U.S. Coast Guard.

NOTES: _____

COMMUNICATIONS LOG

INITIAL NOTIFICATION

EVENT
 REDUCTION

TIME LIMIT	CLASSIFICATION: General Emergency ORGANIZATIONS/INDIVIDUALS	NAME OF CONTACT	DATE/ TIME	CALLER	NAME OF CONTACT/ TIME
20 MIN.	Emergency Duty Officer (EDO) Primary: Refer to Roster Secondary: Contact One Below Bob Hovey Office: 3478 Home: 609-678-8645 Pager: 478-5284 Jim Clancy Office: 3736 Home: 609-455-9110 Pager: 478-5073 Steve Funsten Office: 3115 Home: 215-358-0635 Pager: 478-5280 Joe Hagan Office: 3463 Home: 609-678-5265 Pager: 478-5279				
20 MIN.	Tech. Supp. Supervisor (TSS) Primary: Refer to Roster Secondary: Contact One Below Steve Saunders Office: 3661 Home: 609-358-6212 Pager: 478-5343 George Daves Office: 3071 Home: 609-455-3163 Pager: 478-5281 Phil Opsal Office: 3065 Home: 609-478-0721 Pager: 478-5254 Bill O'Malley Office: 3671 Home: 609-935-6136 Pager: 478-5674				

Notes: (1) After TSC activation, individual notification of the EDO and TSS is not required by CM1.

COMMUNICATIONS LOG

INITIAL NOTIFICATION

EVENT
 REDUCTION

TIME LIMIT	CLASSIFICATION: General Emergency ORGANIZATIONS/INDIVIDUALS	NAME OF CONTACT	DATE/ TIME	CALLER	NAME OF CONTACT/ TIME
30 MIN.	General Manager - Hope Creek Operations (Contact One) Joe Hagan Office: 3463 Home: 609-678-5265 Pager: 478-5279 Car: 922-5622 Bob Hovey Office: 3478 Home: 609-678-8645 Pager: 478-5284				
30 MIN.	Public Information Manager - Nuclear (Contact One) Dick Silverio Office: 1002 Home: 609-829-1546 Pager: 478-5098 Karen Bell Office: 1006 Home: 302-324-8076 Pager: 478-5051 Car: 471-4872 Wes Denman Office: 1007 Home: 609-935-6349 Pager: 478-5229				
60 MIN.	NRC Operations Center (ICMF & NRC Data Sheet) Primary: (ENS) Secondary: 301-951-0550, 301-427-4259, 301-427-4056, 301-492-8893				

Notes: _____

COMMUNICATIONS LOG

INITIAL NOTIFICATION

EVENT
 REDUCTION

TIME LIMIT	CLASSIFICATION: General Emergency ORGANIZATIONS/INDIVIDUALS	NAME OF CONTACT	DATE/ TIME	CALLER	NAME OF CONTACT/ TIME
60 MIN.	NRC Residents (Contact One) Tom Johnson Office: 3280 or 935-5151 Home: 301-272-1480 Kirke Lathrop Office: 3280 or 935-5151 Home: 301-392-0369				
60 MIN.	Emergency Preparedness (Contact One) Jim Schaffer Office: 1575 Home: 609-299-2057 Pager: 478-5086 Tom DiGuseppi Office: 1517 Home: 609-398-8323 Pager: 478-5203 Craig Banner Office: 1157 Home: 609-728-5043 Pager: 478-5215				
NOTE: Remind External Affairs Repr. to contact the Board of Public Utilities & NJ Depart. of Energy					
90 MIN.	External Affairs (Contact One) Mike Bachman Office: 1434 Home: 609-358-7211 Pager: 478-5206 Brian Gorman Office: 1433 Home: 609-228-1089 Pager: 478-5100 Jan Moyle Office: 1436 Home: 609-424-8522 Pager: 478-5259				
90 MIN.	American Nuclear Insurers 203-677-7305				

ATTACHMENT 12
- ONE HOUR REPORT -

NOTES:

- A. Refer to Attachment 9, Non-Emergency Notifications Reference, for the current listing of individuals and phone numbers.
- B. Each step shall be initialed by the responsible individual when completed.

I. NOTIFICATIONS

- SNSS 1. Notify the **Operations Manager** and confirm classification of event. ECG Section _____ Initiating Condition _____.
(Contacts are listed in Attachment 9)

_____ notified at _____ hrs on _____
name time date

- SNSS 2. Complete the NRC Data Sheet with initial data available (pages 4 and 5 of this attachment).

- SNSS 3. Notify **NRC Operations Center** of the event within 1 hour. Use NRC Data Sheet to record additional information provided to the NRC. (Phone numbers are in Attachment 9)

_____ notified at _____ hrs on _____
name time date

- SNSS 4. Notify the **NRC Resident Ins.** (Contacts are listed in Attachment 9)

_____ notified at _____ hrs on _____
name time date

INITIALS

- SNSS 5. Notify **Public Information Manager - Nuclear** or Alternate with details of the event. (Contacts are listed in Attachment 9).

_____ notified at _____ hrs on _____
name time date

- SNSS 6. Notify **Telecopy Group E** by transmitting the NRC Data Sheet.

If transmission of this report to Group E is incomplete, notify the Emergency Preparedness Representative (EP Representative) with the description of the event. (Contacts are listed in Attachment 9).

EP Representative:

_____ notified at _____ hrs on _____
name time date

- SNSS 7. If a major loss of communications capability has occurred (such as ENS, NETS, DID, etc.), then notify both of the following:

EP Representative: (Attachment 9)

_____ notified at _____ hrs on _____
name time date

Newark Help Desk Operator: (201-333-5555 or ESSX 5555)
Inform the Operator that the failed system is an "Emergency Priority Circuit".

_____ notified at _____ hrs on _____
name time date

- SNSS 8. Notify **External Affairs** with details of the event. (Contacts are listed in Attachment 9).

_____ notified at _____ hrs on _____
name time date

II. REPORTING

- SNSS 1. Ensure that an Incident Report (IR) is prepared.
- SNSS 2. Forward this attachment, along with the IR and any supporting documentation, to the Operations Manager.
- OM 3. Review IR and any other available information for correct classification of event and corrective action taken.
- OM 4. Contact the LER Coordinator and request written followup (required 30 days after event). Provide this attachment and any other supporting documentation received from the SNSS.
- LERC 5. Prepare required reports. ECG Attachment 23 may be used as a guide for reporting requirements.
Report or LER Number _____
- LERC 6. Forward this attachment to the Emergency Preparedness Manager.
- EPM 7. Ensure that offsite (state and local) reporting requirements have been met.
- EPM 8. Forward this Attachment package to the Central Technical Document Room (CTDR) for microfilming.

NRC DATA SHEET
 (Page 1 of 2)

NOTIFICATION TIME	FACILITY OR ORGANIZATION	UNIT	CALLER'S NAME	TELEPHONE NUMBER (FOR CALL BACK)
-------------------	--------------------------	------	---------------	----------------------------------

EVENT TIME & ZONE	EVENT DATE
POWER/MODE BEFORE	POWER/MODE AFTER

EVENT CLASSIFICATION (Check One)	
GENERAL EMERGENCY	* 1HR 10CFR50.72(b)(1) ()
SITE AREA EMERGENCY	* 4HR 10CFR50.72(b)(2) ()
ALERT	1HR SECURITY/SAFEGUARDS
UNUSUAL EVENT	TRANSPORTATION EVENT
	OTHER:

* FOR NON-EMERGENCIES PROVIDE THE SPECIFIC SUBPART NUMBER OF THE 10CFR50.72 REPORTING REQUIREMENT FROM THE ECG INITIATING CONDITION STATEMENT.

EVENT DESCRIPTION

Include Systems affected, actuations & their initiating signals, causes, effect of event on plant, actions taken or planned, etc.

NOTIFICATIONS	YES	NO	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD?	YES (Explain above)	NO
NRC RESIDENT						
STATE(s) (NJ) (DEL)				DID ALL SYSTEMS FUNCTION AS REQUIRED?	YES	NO (Explain above)
LOCAL (LACT)						
OTHER GOV. AGENCIES				MODE OF OPERATION UNTIL CORRECTED:	ESTIMATE FOR RESTART DATE:	ADDITIONAL INFO ON PAGE 2?
MEDIA/PRESS RELEASE						

ADDITIONAL INFORMATION FOR TELECOPY E

ECG Section _____ Initiating Condition _____

APPROVED FOR TRANSMITTAL: _____

HCGS

SNSS

Rev. 2

NRC DATA SHEET
(Page 2 of 2)

RADIOLOGICAL RELEASES: CHECK OR FILL IN APPLICABLE ITEMS (specific details/explanations should be covered in event description)

LIQUID RELEASE	GASEOUS RELEASE	UNPLANNED RELEASE	PLANNED RELEASE	ONGOING	TERMINATED
MONITORED	UNMONITORED	OFFSITE RELEASE	T.S. EXCEEDED	RW ALARMS	AREAS EVACUATED
PERSONNEL EXPOSED OR CONTAMINATED		OFFSITE PROTECTIVE ACTIONS RECOMMENDED		State release path in description.	

RELEASE TYPE	Release Rate (Ci/sec)	T.S. LIMIT	% T.S. LIMIT	Total Activity (Ci)	T.S. LIMIT	% T.S. LIMIT
Noble Gas						
Iodine						
Particulate						
Liquid (excluding tritium & dissolved noble gases)						
Liquid (Tritium)						
TOTAL ACTIVITY						

RELEASE PATHWAY	PLANT VENT	CONDENSER/AIR EJECTOR	MAIN STEAM LINE	SG BLOWDOWN	OTHER
RAD MONITOR READINGS & UNITS					
ALARM SETPOINTS					
% T.S. LIMIT (if applicable)					

RCS OR SG TUBE LEAKS: CHECK OR FILL IN APPLICABLE ITEMS (specific details/explanations should be covered in event description)

LOCATION OF THE LEAK (e.g. SG, valve, pipe, etc.)

LEAK RATE:	UNITS: gpm/gpd	T.S. LIMITS:	SUDDEN OR LONG TERM DEVELOPMENT?	
			SUDDEN	LONG TERM
LEAK START DATE:	TIME:	COOLANT ACTIVITY & UNITS: PRIMARY --	SECONDARY --	

LIST OF SAFETY RELATED EQUIPMENT NOT OPERATIONAL:

EVENT DESCRIPTION
(Continued from Page 1)

APPROVED FOR TRANSMITTAL: _____ SNSS