

TEMPORARY CHANGE TO A PROCEDURE

Change No. EI-82-024 Change Date 7-15-82 Expiration Date 1-15-83

Procedure Type EI Procedure No. 1 Rev No./Date Rev 4

Procedure Title Activation of Emergency Plan

Paragraph No. _____ Figure/Table No. _____ Other _____ ATMS No. _____

Synopsis (Concise reason for this change) To comply with
NUREG 0654 guidelines regarding the dispatch of
CPCo liasons to principal off-site emergency
operations centers. (C.2b) formalizes current informal practice

Change: Add to section 5.4

Dispatch a CPCo liason to principal
off-site emergency operations centers; State,
Van Buren County, Berrien County, and Allegan County.

change added step j on TC EI-80-22
to an m.

Should change be made permanent? Yes No

THE ABOVE DOES NOT CHANGE INTENT OF ORIGINAL PROCEDURE RAD, Jy
Initiator

Approved J.P. Hill 7/16/82 Approved R. Emmerich
PRC Member SRO-PRC Member

TEMPORARY CHANGE TO A PROCEDURE

Change No. EI-82-025 Change Date 7-9-82 Expiration Date 1-9-83
Procedure Type EI Procedure No. 1 Rev No./Date Rev 4
Procedure Title Activation of Emergency Plan
Paragraph No. _____ Figure/Table No. _____ Other _____ ATMS No. _____

Synopsis (Concise reason for this change) To change the dose rates required to reach Site Area Emergency, per NUREG 0654 Appendix 1 guidelines.

Change: Attachment 1, page 6 to read as per attached page.

Should change be made permanent? Yes No

THE ABOVE DOES NOT CHANGE INTENT OF ORIGINAL PROCEDURE Rad. by
Initiator

Approved [Signature] 7/14/82 PRC Member Approved R E Micari SRO-PRC Member

(INSTRUCTIONS ON BACK)

KEY WORD	EMERGENCY ACTION LEVEL	EVENT	CLASSIFICATION
	<ul style="list-style-type: none"> Stack monitor (RIA 2318) reaches 10 times the alarm setpoint for 2 or more hours. Confirmed by lab sample analysis. 	Radiological effluents greater than 10 times Technical Specification limits (an instantaneous rate which, if continued over two hours, would result in a dose of approximately 1 mR at the site boundary under average meteorological conditions).	ALERT
	<ul style="list-style-type: none"> Liquid waste discharge monitor (RIA 1049) reaches 10 times alarm setpoint and automatic discharge trip function fails. Confirmed by lab sample analysis. 		
	<ul style="list-style-type: none"> Stack monitor reached 850 times the alarm setpoint (RIA 2318) for 1/2 hour or more. Confirmed by sample analysis. Meteorological is adverse when ΔT is 1.5°C or greater. 	Effluent monitors detect levels corresponding to $> 50 \text{ mR/hr}$ for 1/2 hour or $> 500 \text{ mR/hr}$ whole body for 2 minutes (or five times these levels to the child thyroid) at the site boundary for <u>adverse meteorological conditions</u> .	Site Area Emergency
	<ul style="list-style-type: none"> Accident Assessment 	Projection of above dose rates based on appropriate parameters (for example, containment building radiation level with containment leak rate appropriate for existing containment pressure).	Site Area Emergency
	<ul style="list-style-type: none"> Monitoring teams with survey instruments 	Measurement of above dose rated in environs.	Site Area Emergency
	<ul style="list-style-type: none"> Stack monitor reads 50 times alarm setpoint (RIA 2318) and the meteorological tower ΔT is $>$ positive 4.0 or using Emergency Implementation Procedure. The high-range stack monitor reads 1.3 mR/hr and the meteorological tower ΔT is > 4.0 or 170 mR/h and the meteorological tower ΔT is > 0. 	Effluent monitors detect levels corresponding to 0.5 R/2 h, or 5 R/30 days, 250 mR/h for 2 hours or 7 mR/hr 30 days to the wholebody at the site boundary under actual meteorological conditions.	General Emergency

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TEMPORARY CHANGE TO A PROCEDURE

Change No. EI-82-026 Change Date 7-14-82 Expiration Date 1-14-83
Procedure Type EI Procedure No. 1 Rev No./Date Rev 4
Procedure Title Activation of Emergency Plan
Paragraph No. _____ Figure/Table No. _____ Other _____ ATMS No. _____

Synopsis (Concise reason for this change) To correct a
typing error

Change: Change Attachment 1 page 7 to read per
attached page

Should change be made permanent? Yes No

THE ABOVE DOES NOT CHANGE INTENT OF ORIGINAL PROCEDURE Randy
Initiator

Approved [Signature] PRC Member Approved [Signature] SRO-PRC Member

KEY WORD	EMERGENCY ACTION LEVEL	EVENT	CLASSIFICATION
	<ul style="list-style-type: none"> •Accident assessment procedures. 	A dose rate of 1 R/h to the wholebody at the site boundary projected from radiation levels in containment combined with leak rate appropriate for the existing containment pressure.	General Emergency
	<ul style="list-style-type: none"> •Survey teams. 	1 R/h measured at the site boundary.	General Emergency
Safety Injection System (SIS)	<ul style="list-style-type: none"> •Annunciation (SI initiated; Ckt 1, Ckt 2). 	Safety injection	Unusual Event
Secondary Side	<ul style="list-style-type: none"> •Low steam generator pressure alarm •Observation. •Steam generator pressure instruments. •SIS actuation alarm. •Feedwater flow/steam flow instruments. •S/G activity determined by analysis (radiochemistry). •Off-gas monitor (RIA 0681) alarm and pressurizer low level (LI 0103A), and •Switchyard noncritical alarms or startup transformer trouble alarm or automatic start of emergency D/G. •Safety injection actuation alarms. •Steam generator pressure indicators. •Feedwater flow and steam flow instruments. •Activity determined by analysis. 	<p>Rapid depressurization of secondary side.</p> <p>Steam line break with secondary system activity < 0.1 $\mu\text{Ci/gm}$.</p> <p>Steam generator tube rupture with loss of offsite power.</p>	<p>Unusual Event</p> <p>ALERT</p> <p>ALERT</p> <p>Site Area Emergency</p>

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TEMPORARY CHANGE TO A PROCEDURE

Change No. EI-82-028 Change Date 7-20-82 Expiration Date 1-20-83

Procedure Type EI Procedure No. 10 Rev No./Date Rev 3

Procedure Title Environmental Assessment

Paragraph No. _____ Figure/Table No. _____ Other _____ ATMS No. _____

Synopsis (Concise reason for this change) To account for
changes made in accident TLD locations.

Change: Pages 4 and 5 of Attachment 1 to
read as per attached pages.

Should change be made permanent? Yes No

THE ABOVE DOES NOT CHANGE INTENT OF ORIGINAL PROCEDURE radio by
Initiator

Approved [Signature]
PRC Member

Approved [Signature]
SRO-PRC Member

REV-10
REV-3
REV-1

△ = Location of accident TLD stations



ATTACHMENT 1
PALISADES PLANT

Location of Accident TLD'S

R1 - 1-2 Mile Ring

1. Utility pole on south side of road near west end of 20th Avenue, *at Oak Road*
2. Post on east side of Blue Star Hwy, approximately 1.5 miles north of Plant access road, *on the north side of the expressway drainage culvert.*
3. Utility pole on northwest corner of 76th St and 24th Avenue.
4. Utility pole on west side of 76th St - 0.5 miles south of 24th Avenue, *at the edge of a blueberry patch.*
5. Utility pole on southeast corner of 76th St and 28th Avenue.
6. Utility pole on *the northeast* corner of 77.5th St and 30th Avenue.
7. Utility pole on northwest corner of 77.5th St and 32nd Avenue.
8. Utility pole on northeast corner of 32nd Avenue and Blue Star Hwy.
9. Beneath environmental air sampler - approximately 0.25 miles west of Blue Star Hwy on 32nd Avenue.

R2 - 4-5 Mile Ring

10. Utility pole on southwest corner of Blue Star Hwy and M-140.
11. Utility pole on northeast corner of M-43 and CR 384.
12. Utility pole on south side of 20th Avenue - 0.5 miles west of 69th St.
13. Utility pole on *north* side of 26th Avenue - 0.5 miles west of 69th St.
14. Utility pole on southeast corner of 70th St and 34th Avenue.
15. Utility pole on west side of M-140 - 1.0 miles south of 38th Avenue, *across from house number 224.*
16. Siren pole *on the southeast* corner of CR 376_A and 76th St. *(44th Ave)*
17. Utility pole on southwest corner of CF 376_A and 80th St. *(44th Ave)*
18. Utility pole on southeast corner of CR 376_A and 82nd St - approximately 75 yards east of Blue Star Hwy.