

PLANT OPERATIONS MANUAL

Volume 05  
Section 02

INFORMATION  
COPY ONLY

05-1-02-VI-2  
Revision: 12  
Date: 12-6-83

OFF NORMAL EVENT PROCEDURE  
HURRICANES, TORNADOS, AND SEVERE WEATHER  
SAFETY RELATED

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Reviewed: J. H. Hickman Independent Review      Joe W. Damm Technical Review  
Approved: C. M. Dyer Operations Superintendent  
for JLR

List of Effective Pages:

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List of TCN's Incorporated:

Revision	TCN No.
0	None
10	None
11	None
12	1

**SAFETY EVALUATION APPLICABILITY REVIEW**

	Yes	No
(1) Change to Facility as Desc. in FCAR	—	/
(2) Change to Procedure as Desc. in FCAR	—	/
(3) Test or Experiment as Desc. in FCAR	—	/
(4) Change to Tech. as Desc. in FCAR	—	/
( If Yes, perform 100.59 Safety Eval. )		

**ENVIRONMENTAL EVALUATION APPLICABILITY REVIEW**

	Yes	No
(1) Change to Environmental Protection Plan	—	/
(2) Will or may effect environment	—	/
( If Yes, perform Environmental Eval. )		

Signature Joe W. Damm Date 12/6/83

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## 1.0 PURPOSE/DISCUSSION

- 1.1 The purpose of this procedure is to provide instructions for the operator during periods before and during hurricanes, tornadoes and severe weather.
- 1.2 This procedure will interface with Emergency Plan Procedure 10-S-01-10, Natural Occurrences, and possibly other Emergency Plan Procedure.
- 1.3 Transformers, switchyard, and transmission lines are very vulnerable to storms, and total loss of off-site power should be anticipated and prepared for. Other equipment and structures in the outside areas are likely to be damaged and all possible precautionary measures should be taken.

## 2.0 SYMPTOMS

- 2.1 A tornado warning or severe weather is in effect. Notification may be from either the Load Dispatcher (who is required to notify GGNS of severe weather) or any other available source.

## 3.0 AUTOMATIC ACTIONS

- 3.1 None

## 4.0 IMMEDIATE OPERATOR ACTIONS

- 4.1 The Shift Supervisor should call for additional help, if needed, and assign duties during the tornado warning or severe weather.
- 4.2 At least one man should be assigned to the diesel generators for the duration of the tornado warning or severe weather.
- 4.3 Manually start the Emergency Diesel Generators and bring them to operating speed and voltage per SOI 04-1-01-P75-1 and 04-1-01-P81-1.
- 4.4 Survey the outside areas to determine preventive measures to be taken.
- 4.5 Lower all outside cranes to the ground and secure all loose cables.
- 4.6 Verify gas bottles in and around the plant are properly secured.
- 4.7 Remove loose material in and around the plant to safe areas.

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- 4.8 Verify doors on transformers, switchyard equipment, fire hose stations and electrical panels outside the plant are closed properly.
- 4.9 Close outside doors and windows.
- 4.10 If the storm is to arrive at night, switch on external lights well in advance.
- 4.11 Stop unnecessary activities, such as fuel handling and transport of radioactive materials, except as required to place the fuel in a safe location.
- 4.12 Announce on plant communication system all personnel should take shelter.

#### 5.0 SUBSEQUENT ACTIONS

- 5.1 Proceed to implement the Emergency Plan as directed by the Shift Supervisor or Shift Superintendent.
- 5.2 In the event of a total loss of offsite power, refer to ONEP 05-1-02-I-4.
- 5.3 Return diesel generator to standby after the storm has passed.
- 5.4 Perform Surveillance Procedure 06-TE-1000-V-0001 after the storm has passed.