

CAROLINA POWER & LIGHT COMPANY
BRUNSWICK STEAM ELECTRIC PLANT

UNIT 0

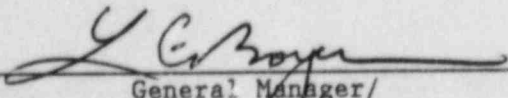
DOSE PROJECTION COORDINATOR

PLANT EMERGENCY PROCEDURE: PEP-02.6.20

VOLUME XIII

Rev. 003

Approved By:


General Manager/
Director - Administrative Support

Date:

1/29/85

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PDR ADOCK 05000324
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LIST OF EFFECTIVE PAGES

PEP-02.6.20

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1-2	2
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9-12	2

- 3.2.11 Obtain and distribute meteorological and source term data to the dose assessment group in the EOF as required.
- 3.2.12 Use Exhibit 2.6.20-6 to detail wind direction in terms of degrees from north versus sector wind is blowing from and sector wind is blowing to.
- 3.2.13 Ingestion dose projection procedures are contained in the Harris Environmental and Energy Center's Emergency Procedures should they be needed before activation of the EOF. Copies of HEEC Emergency Procedures are available in the TSC.
- 3.2.14 Assist the Plant Sampling and Analysis Team Leader, as necessary, in the completion of PEP-03.6.3, Estimate of the Extent of Core Damage Under Accident Conditions.

NOTE: Attachment E of PEP-03.6.3 provides instructions for determining the fuel inventory airborne in containment radiation monitor readings. These instructions can be used as an alternative for source-term estimation if effluent monitor readings and sample results are unavailable.

Exhibit 2.6.20-3

Considerations for Making Future Changes to the Dose Projection Procedures,
the Dose Projection Computer Programs, and their Associated Documentation.

The computer programs used to automate emergency dose projections are inherently linked to the various emergency dose projection procedures. Therefore, making a change to a procedure may necessitate changes to the computer programs or vice versa. Furthermore, the dose projection procedures and computer programs used by BSEP are somewhat standardized within the CP&L system. When changes to the dose projection procedures or programs are to be made, users of these procedures and programs at other CP&L facilities should be informed and in some cases their concurrence with the changes sought. Documents, computer programs, and concerned groups which are interrelated for dose projections are as follows:

Emergency Dose Projection Documents

- PEP-02.6.20 Dose Projection Coordinator
- PEP-03.4.1 Initial Dose Projections
- PEP-03.4.2 Whole Body Dose Projections
- PEP-03.4.3 Thyroid Dose Projections
- PEP-03.4.5 Automation of Dose Projection Procedures Using the HP-9830A Tabletop Computer
- PEP-03.4.7 Automation of Dose Projection Procedures Using the IBM Personal Computer
- Volume 13, Book 1, Appendix F
Technical Basis of Emergency Dose Projection Program
Documentation of Emergency Dose Projection Computer Programs

Emergency Dose Projection Computer Programs

- 'DOSE' Emergency Dose Projections
- 'IDP' Initial Dose Projections
- 'MET' Meteorological Data Acquisition
- 'TALK' Receiving Met Forecasts from Forecast Center
- 'FORECAST' Viewing Received Met Forecasts
- 'NWS' Determining Stability Class from National Weather Services Data

CP&L Groups Concerned with Emergency Dose Projection Procedures and Computer Programs

- BSEP Dose Projection Team (TSC)
- HBR Dose Projection Team (TSC)
- HEEC Dose Assessment Team (EOF)
- Corporate Meteorologists (Forecast Center)
- SHNPP Dose Projection Team (TSC)

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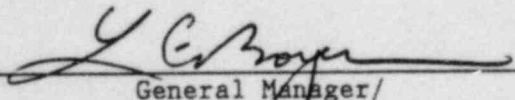
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