

CONTINUOUS USE

CAROLINA POWER AND LIGHT COMPANY

H. B. ROBINSON SEG PLANT

PLANT OPERATING MANUAL

VOLUME 3

PART 4

END PATH PROCEDURE

EPP-11

FAULTED STEAM GENERATOR ISOLATION

REVISION 4

Effective Date 12/16/94

RECOMMENDED BY:

*[Signature]* for  
Operations Procedure Coordinator

8/26/94  
Date

APPROVED BY:

*[Signature]*  
Manager - Operations

8-27-94  
Date

UN CONTROLLED

1.0 PURPOSE

This procedure provides actions for the isolation of a faulted Steam Generator.

2.0 ENTRY CONDITIONS

Path-1, Path-2 and other Emergency Operating Procedures, whenever a faulted Steam Generator is identified.

## STEP

## INSTRUCTIONS

## RESPONSE NOT OBTAINED

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Maintain At Least One S/G Available For RCS Cooldown</li> <li>2. Check S/G Status:             <ol style="list-style-type: none"> <li>a. Identify intact S/Gs as follows:                 <ul style="list-style-type: none"> <li>• ANY S/G PRESSURE STABLE <u>OR</u> INCREASING</li> </ul> </li> <li>b. Identify faulted S/Gs as follows:                 <ul style="list-style-type: none"> <li>• ANY S/G PRESSURE DECREASING IN AN UNCONTROLLED MANNER</li> <li style="text-align: center;"><u>OR</u></li> <li>• ANY S/G COMPLETELY DEPRESSURIZED</li> </ul> </li> </ol> </li> <li>3. Isolate Faulted S/Gs Using Supplement G, S/G Isolation</li> <li>4. Maintain A Faulted S/G In The Isolated Condition During Subsequent Recovery Actions Unless Needed For Cooldown</li> <li>5. Check CST Level - GREATER THAN 10%</li> <li>6. Check Available Secondary Radiation Monitors - NORMAL</li> <li>7. Go To Path-1, Entry Point C</li> </ol> | <ol style="list-style-type: none"> <li>a. Go To EPP-16, Uncontrolled Depressurization Of All Steam Generators.</li> <li>b. Search for initiating break:                 <ul style="list-style-type: none"> <li>• Main steamlines</li> <li>• Main FW lines</li> <li>• Other secondary piping</li> </ul> <p>Go To Step 5.</p> </li> </ol> <p>Align Service Water to the suction of the AFW Pumps using OP-402, Auxiliary Feedwater System.</p> <p><u>IF</u> Service Water is unavailable, <u>THEN</u> align Deepwell Water to the suction of the AFW Pumps using OP-402, Auxiliary Feedwater System.</p> <p>Go To Path-2, Entry Point J.</p> |
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