



- NOTES**
- BREAKER SHALL BE LOCKED OPEN.
  - THESE BREAKERS ARE MOTOR OPERATED BY KEY SWITCHES TO ALLOW THE 2AB BUS TO BE TIED TO EITHER THE 2A OR 2B BUS REMOTELY AT THE RTG BOARD. BREAKER HAS 400A FRAME WITH DUMMY TRIP ELEMENT.
  - CLASS I/E ENGINEERED SAFEGUARD SYSTEM SAB SERVICE.
  - NON-CLASS I/E SERVICE.
  - STEEL BARRIER IN WIREWAY BETWEEN CLASS I/E SYSTEM & NON-CLASS I/E SERVICE.
  - KEY INTERLOCK BETWEEN CKT. 10 (BUS 2AB) & CKT. 10 ON 125V DC BUS 2C.
  - ALL BREAKERS ARE 2P.
  - ALL FUSES ARE CHASE SHAWMUT FORM 101, TYPE A13X.
  - FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS SEE INDEX DRAWING 2998-G-275SH.A
  - KEY INTERLOCK BETWEEN CKT 9 (BUS 2AB) & CKT 6 ON 125V DC BUS 2D.
  - THIS POWER PANEL IS FURNISHED WITH FUSE BLOCKS INTERCONNECTED WITH NO. 10 SIS WIRE IN LIEU OF AN INSULATED BUS. FEEDER CABLES FOR THIS PANEL ARE TERMINATED ON 100 AMP TERMINAL LUGS. RATING OF THIS PANEL IS BASED ON NO. 10 SIS WIRE (48 AMPS).
  - SECOND PROTECTIVE DEVICE IS REQUIRED TO ASSURE CIRCUIT IS IN CONFORMANCE WITH NRC REG. GUIDES 1.63 OR 1.75.

NOTE: THIS REVISION REFLECTS AS BUILT CONDITIONS PER PCM-015-283 PCM-303-283

Docket # 50-235  
 Date 8/29/88 of Document  
 REGULATORY DOCKET FILE

**RECEIVED**  
 AUG 12 1985

STATE OF FLORIDA  
 ALAN L. SCHILDKRAUT  
 2998  
 Registered PE

**NUCLEAR SAFETY RELATED** Approval Date: 10/31/83

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**FLORIDA POWER & LIGHT COMPANY**  
 ST. LUCIE PLANT  
 1983-890MW (e) EXTENSION-UNIT NO. 2

125 V DC PANELS  
 ONE LINE DIAGRAMS  
 BUS 2AB, PP-240, PP-254, PP-255

**EBASCO SERVICES INCORPORATED**

|                  |                             |               |
|------------------|-----------------------------|---------------|
| SCALE NONE       | APPROVED<br>KENNETH HANCOCK | DATE 10-31-83 |
| DIV. ELECTRICAL  | DR. A. SEDITSKY             | 2998-G-275    |
| CH. E. OSTROWSKI | WHL                         | SHEET 3       |

| NO | DATE   | REVISION   | BY   | CH   | APPROVED    |
|----|--------|--|------|------|-------------|
| 1  | 8-6-85 | ADDED NOTE (G)B<br>REVISED: DING TITLE (N) (D) (M) (L) (P)<br>NOTES (F) (B) PER GENERAL AS-BUILT | J.G. | R.C. | [Signature] |

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**INFORMATION ONLY**  
 VERIFY WITH A CONTROLLED COPY BEFORE USE.

BY APERTURE CARD

ATTENTION: ANY REVISION TO THIS DRAWING MUST BE MADE BY COMPUTER AIDED DESIGN DRAFTING