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GENERATOR NO. 2  
11.25 MW, 2300V, 60 HZ, 3 PHASE  
1500 RPM, 50 CYCLES  
DESIGN AT 100% FLA

- LEGEND:
- 500
  - A.C. CIRCUITS
  - D.C. CIRCUITS
  - LOCKING CIRCUITS
  - TRANSDUCER
  - THERMAL CONVERTER
  - RELAY & METERS
  - RELAY
  - HIGH EVENTS RESPONSE
  - COMP OUTPUT TO COA/FITER
  - SOLID STATE RELAY

- NOTES:
1. 680V TRIP:
    - GEN. EXCITER P.O. CB TRIP
    - GEN. EXCITER P.O. CB TRIP
    - EVENTS REC.
    - GEN. EXCITER P.O. CB TRIP
    - BIT-13 CLOSE
    - BIT-3 TRIP
    - BIT-3 TRIP
  2. 680V TRIP:
    - BIT-3 TRIP
    - BIT-13 CLOSE
    - COMP OUTPUT TO COA/FITER
  3. 68V TRIP:
    - GEN. EXCITER P.O. CB TRIP
    - EVENTS REC.
    - GEN. EXCITER P.O. CB TRIP
    - BIT-13 CLOSE
    - BIT-3 TRIP
    - BIT-3 TRIP
  4. 68V TRIP:
    - GEN. EXCITER P.O. CB TRIP
    - EVENTS REC.
    - COMP OUTPUT TO COA/FITER
  5. 68V TRIP:
    - GEN. EXCITER P.O. CB TRIP
    - EVENTS REC.
    - COMP OUTPUT TO COA/FITER

SI  
APERTURE  
CARD

FOR INFORMATION ONLY

NO.	REVISIONS	DATE	BY	APP.	DATE	BY	APP.
13	REV PER HSM-22468, P.C. 101, BODY 3-2006 3A	11-18-06	J. J. [Signature]	[Signature]	11-18-06	[Signature]	[Signature]
12	REV PER HSM-22468, BODY 10-10-06	11-18-06	J. J. [Signature]	[Signature]	11-18-06	[Signature]	[Signature]
11	REV PER HSM-22468, BODY 10-10-06	11-18-06	J. J. [Signature]	[Signature]	11-18-06	[Signature]	[Signature]
10	REV PER HSM-22468, BODY 10-10-06	11-18-06	J. J. [Signature]	[Signature]	11-18-06	[Signature]	[Signature]
9	REV PER DOCUMENT UPGRADE	07-26-06	J. J. [Signature]	[Signature]	07-26-06	[Signature]	[Signature]
8	REV PER DOCUMENT UPGRADE	07-26-06	J. J. [Signature]	[Signature]	07-26-06	[Signature]	[Signature]
7	ORIGINAL DRAWING RETIRED	07-26-06	J. J. [Signature]	[Signature]	07-26-06	[Signature]	[Signature]

DUKE POWER COMPANY  
COOKE NUCLEAR STATION - UNIT 2  
ONE LINE DIAGRAM  
RELAYS & METERS  
18KV

8904200365

DWG. NO. 0-1788



PDR RIDS

8904200365

