



- FOR INFORMATION ONLY - EQUIPMENT LISTED BELOW TO BE FURNISHED BY OTHERS:
- ALL CIRCUIT SWITCHERS ARE S & C ELECTRIC COMPANY, MAKE 111, 117316-C1, COMPLETE WITH POST TYPE INSULATORS, AND 4-HOLE NEMA MILLER TERM. PAC.
 - THE MAIN TRANSFORMER IS MITSUBISHI ELECTRIC CORPORATION.
 - THE EMERGENCY AUXILIARY TRANSFORMERS ARE WESTINGHOUSE ELECTRIC CORPORATION.
 - THE ENGINEERING SAFETY FEATURES TRANSFORMERS ARE WESTINGHOUSE ELECTRIC CORPORATION COMPLETE WITH 4-HOLE NEMA MILLER, STUD TO FLAT CONNECTOR.
 - ALL 230 KV POST INSULATORS ARE LAPP, CATALOG #201042-70.
- CLEARANCE:
- | | |
|--|------------|
| 230 KV | 115 KV |
| 1. BETWEEN OPPOSING LIVE PARTS --- 15'-0" REC. --- 15'-0" REC. | 7'-0" MIN. |
| 2. BETWEEN LIVE PARTS & GROUND --- 8'-0" REC. --- 7'-0" MIN. | 5'-0" MIN. |
| 3. TO ANY LOWER VOLTAGE --- 15'-0" REC. --- 15'-0" REC. | 8'-0" MIN. |
| 4. ISOLATION ELEVATION --- 15'-0" --- 15'-0" | |

- NOTES:
- ALL 5" IPS SCHED. 80 ALUMINUM BUS SPANS OF 70 FEET AND LONGER TO BE BAYPAC WITH ALCON CONDUCTOR PRODUCTS COMPANY, ESTERNA, WELD-IN BUS VIBRATION DAMPERS.
 - ALL STRAIN ASSEMBLIES FOR CONDUCTOR AND SHIELD WIRE WILL BE SUPPLIED BY OTHERS.
 - ALL ALUMINUM BUS REQUIRING BENDING SHALL BE FURNISHED AS FACTORY BENT SECTIONS.
 - FOR SUBSTATION STRUCTURES, BUSES, AND SWITCHES SEE SPECIFICATION SP-431-84461-100.
 - THESE DRAWINGS TO BE WORKED IN CONJUNCTION WITH ARTUR TATOSH & ASSOC. DWGS. E15-104.

FSAR Figure 8.2-2d					
SOUTH CAROLINA ELECTRIC & GAS COMPANY					
VIRGIL C. SUMNER NUCLEAR STATION					
ELECTRICAL					
OVERHEAD LINE ARRANGEMENT 230KV AND					
115KV OUTDOOR TRANSFORMER AREA					
DESIGN ENGINEERING					
V. C. SUMNER NUCLEAR STATION, JENKINSVILLE, S. C.					
5	02/22/10	ESB	REVISED PER ECR-50495D	HJM	GSK
4	9/24/01	DDJ	REVISED PER ECR-70028	MGR	DDJ
3	11/01/95	DDJ	REVISED PER MRF-22337	MGR	KJR
NO. DATE BY REVISION		REVISION		NO. DATE BY APPROVAL	NO. DATE BY APPROVAL
				E-229-006	
				DRAWING NUMBER	
				SHT. NUMBER	
				REV	

