



DEPARTMENT OF THE NAVY  
UNITED STATES NAVAL ACADEMY  
ANNAPOLIS, MARYLAND 21402

USNA/AACINST 11310.2B  
15/Eng Div  
8 May 1984

USNA/AAC INSTRUCTION 11310.2B

From: Superintendent, U. S. Naval Academy/Annapolis Area Coordinator

Subj: Primary Electrical Power System of the Annapolis Naval Complex

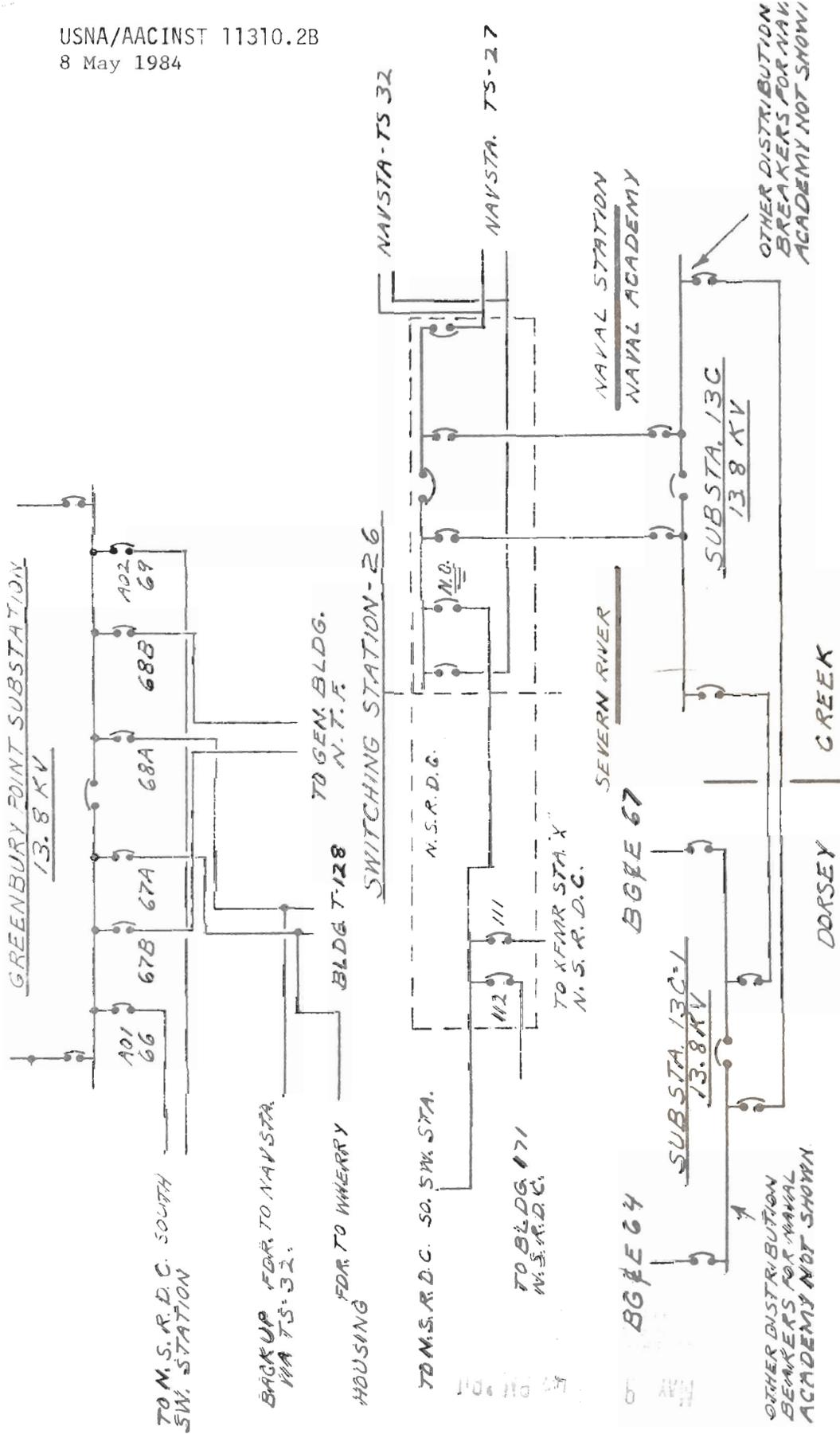
Encl: (1) One-Line Diagram of Navy-owned Primary Electric Power System

1. Purpose. To define the Navy-owned primary electric power system in the Annapolis Naval Complex and to establish overall control and responsibility for its operation.
2. Cancellation. USNA/AAC Instruction 11310.2A.
3. Definition. The Navy-owned primary electric power system is defined as that portion of the 13.8 kv electrical system which supplies or affects more than one activity. Enclosure (1) is a one-line diagram of the Navy-owned primary electric power system.
4. Discussion. All electric power for the Annapolis Naval Complex is purchased from the Baltimore Gas and Electric Company. This power is furnished at one voltage (13.8 kv) at two points: (a) Substation 13C-1 at Hospital Point, South Severn for distribution of power to the Naval Academy and Naval Station and (b) Greenbury Point Substation, North Severn, for distribution of power to David Taylor Naval Ship Research and Development Center, Annapolis Laboratory and Naval Radio Transmitting Facility. A second 13.8 kv feeder has been installed from Greenbury Point Substation to David Taylor Naval Ship Research and Development Center and emergency generators, interconnected with two feeders from Greenbury Point Substation, have been installed at the Naval Radio Transmitting Facility. Improper or uncoordinated action in the operation of the electrical system can result in death or severe injury to personnel and costly damage to the system. Consequently, responsibility for policy direction, control and operation of the system must be clearly defined and rigidly adhered to. (R)
5. Responsibilities
  - a. All matters of policy and operating procedures, such as questions on local generation of power and parallel operations, will be determined or approved by the Public Works Officer, U. S. Naval Academy.
  - b. Operational control of all components of the Navy-owned primary electric power system is vested in the Public Works Officer, U. S. Naval Academy. Switches, circuit breakers and other appurtenances on the primary electric power system will be operated only by trained personnel in the Public Works Department, U. S. Naval Academy.
  - c. No change in maintenance responsibilities is intended in this Instruction. Close coordination between maintenance and operational forces is essential for safety of personnel.
  - d. Operation of other circuits not part of the primary electric power system, as defined by enclosure (1), will remain the responsibility of the activities not receiving public works support from the Naval Academy.
  - e. In accordance with contract requirements, invoices for payment are mailed to the Public Works Officer, U. S. Naval Academy, by the Baltimore Gas and Electric Company. The Public Works Officer will bill individual customer activities, as required. By agreement with the Baltimore Gas and Electric Company, the Public Works Officer, U. S. Naval Academy coordinates all operations between the Baltimore Gas and Electric Company and the Annapolis Naval Complex. All questions or problems relating to the receipt of 13.8 kv power will be directed to the Public Works Officer, U. S. Naval Academy, who will take all action necessary to solve any power problems.
6. Action
  - a. The Public Works Officer, U. S. Naval Academy, will bill each activity on the average cost per kilowatt hour, as computed on Accounting Utilities Analysis Report (NAVCOMPT Form 2127 (Rev. 8-68)).
  - b. Addressees are directed to ensure that all supervisory personnel concerned familiarize themselves with the contents of this Instruction and instruct subordinate personnel accordingly.

R. J. MACH  
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Acting

Distribution:

ONE-LINE DIAGRAM OF NAVY OWNED PRIMARY ELECTRICAL POWER SYSTEM  
BG#E 68



PRIMARY ELECTRIC POWER SYSTEM  
ANNAPOLIS NAVAL COMPLEX