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27 Jul 06

From: Naval Facilities Engineering Command
Capital Improvements
To: Distribution
Subj: INTERIM TECHNICAL GUIDANCE (ITG) FY06-03, SHIP
POWER SERVICE CIRCUIT BREAKERS - SHUNT
INTERLOCKS
Ref: (a) OPNAVINST 11310.3A OPERATION AND MAINTENANCE POLICY
FOR SHORE-TO-SHIP POWER
(b) Navy Message R 221910Z FEB 06 CNO WASHINGTON DC
(c) UFC 4-150-02, "Dockside Utilities for Ship Service"

1. Purpose. The purpose of this guidance is to provide revised basic criteria concerning the design and operation of ship power service circuit breakers providing shore power to submarines.

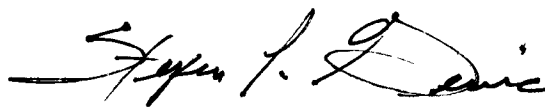
2. Discussion. Recent failures of shore power critical components have necessitated the revision of reference (a). The revision, *OPNAVINST 11310.3B OPERATION AND MAINTENANCE POLICY FOR SHORE-TO-SHIP POWER* is currently at OPNAV N4 for signature. Reference (b) directed shore activities and regions to adjust the long-time pickup settings of the 450 Volt shore to ship power service circuit breakers for submarines so that they match the nominal ratings of equipment on the submarine and shore power cables and connectors.

3. Action.

a. Design & Operation. For both new and existing installations, the following requirement is now being invoked: Provide a shunt trip interlocking scheme on all ship power service circuit breakers for submarines

b. Criteria. Upon finalization of reference (a) revision, reference (c) will be revised to incorporate all applicable changes.

4. Point of Contact. For clarification or additional information related to this subject, please contact Mr. John Peltz, PE, DSN 262-4208, Comm (757)-322-4208, email john.peltz@navy.mil.



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