



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
2000 NAVY PENTAGON
WASHINGTON, DC 20350-2000

OPNAVINST 5450.335
N00N
1 Oct 04

OPNAV INSTRUCTION 5450.335

From: Chief of Naval Operations

Subj: FUNCTIONAL REQUIREMENTS FOR FORCE NUCLEAR PROPULSION
ORGANIZATION (CNAP/CNAL N9) FOR COMMANDER, NAVAL AIR
FORCES

Ref: (a) OPNAV C3000.5E
(b) NAVSEA C9210.4A
(c) CFFC 4790.3
(d) NAVSEA S9213-41-MAN-000
(e) OPNAV 3040.5D

1. Purpose. To codify the functional requirements for the Force Nuclear Propulsion organization (CNAP/CNAL N9) of Commander, Naval Air Forces using guidance as set forth in references (a) through (e).

2. Discussion. The nuclear-powered aircraft carrier (CVN) fleet is the naval centerpiece of our national defense. The Force Nuclear Propulsion organization (CNAP/CNAL N9) was established in 1994 pursuant to an agreement between Director, Naval Nuclear Propulsion and the respective Commanders, Naval Air Force (U.S. Pacific and Atlantic Fleets) to manage Type Commander (TYCOM) responsibilities for the operation, training, repair, and reactor safety of the CVN force. CNAP/CNAL N9 provides the continuity of experience in sharing the best practices and lessons learned for CVNs either operating at sea or undergoing maintenance availabilities/complex overhauls in the shipyard. Today, this nuclear-experienced oversight is vital in executing the Fleet Response Plan. In view of the recent lead/follow TYCOM alignments, the CNAP/CNAL N9 organizational structure should be formally established.

3. Action.

a. Commander, Naval Air Forces shall establish the organization, descriptions, and responsibilities of the Force Nuclear Propulsion organization (CNAP/CNAL N9) as it has evolved to date and based on the following functional requirements:

1 Oct 2004

(1) Oversee operation, training, readiness, reactor safety, and maintenance actions pertaining to CVN force nuclear propulsion in a capacity similar to an ISIC.

(2) Give TYCOM indoctrination and training on best practices to prospective CVN commanding officers, executive officers, reactor officers and their principal assistants. CNAP/CNAL N9 will assist commanding officers with preparing prospective nuclear engineering officers for their qualifications.

(3) Provide oversight of CVN Fleet Interactive Display Equipment (FIDE) training operations.

(4) Coordinate TYCOM nuclear propulsion plant maintenance and repair matters with staff Maintenance Managers (CNAP/CNAL N43). CNAP/CNAL N9 shall ensure that necessary operator training has been provided for upgrades to CVN nuclear propulsion systems.

(5) Provide CVN nuclear expertise to the Deputy Primary Commander or local Area Commander, as appropriate, in the unlikely event of a nuclear reactor or radiological accident. CNAP/CNAL N9 will also participate in CVN radiological emergency planning training and exercises.

(6) Provide liaison and coordination with Naval Reactors Headquarters and Field Offices on all matters pertaining to naval nuclear propulsion. This includes all issues associated with reactor safety, operation, administration, maintenance, readiness, manning, and training.

(7) Man, maintain, and deploy mobile training teams and material training groups to accomplish requirements (1) and (6) above.

(8) Coordinate Fleet input to next-generation CVN propulsion plants and provide feedback for design changes to existing propulsion plants.

b. As the principal agents for TYCOM nuclear propulsion-related matters, the Force Nuclear Propulsion Officers have direct reporting authority to their respective Commanders, Naval Air Force (U.S. Pacific and Atlantic Fleets).

4. Manning. To ensure the viability of the CNAP/CNAL N9 organization, Commander, Navy Personnel Command, will fill these

1 Oct 2004

billets with senior nuclear-designated line officers and enlisted personnel having a range of relevant operational and repair backgrounds. Engineering Duty Officers with nuclear repair experience may also be assigned to CNAP/CNAL N9 billets, as needed.

F. L. BOWMAN
Director, Naval Nuclear
Propulsion

Distribution:

<http://neds.daps.dla.mil>