DEPARTMENT OF THE ARMY
U.S. Army Corps of Engineers
Washington, DC 20314-1000

EP 1110-3-2

CEMP-ET

Pamphlet
No. 1110-3-2

31 December 1990

Engineering and Design
ELECTROMAGNETIC PULSE (EMP) AND TEMPEST PROTECTION FOR FACILITIES

1. Purpose. This pamphlet provides unclassified engineering and design information about protecting fixed ground facilities against the effects of an electromagnetic pulse (EMP) produced by a nuclear explosion. It also provides unclassified engineering and design information about satisfying TEMPEST requirements.

2. Applicability. This pamphlet applies to all HQUSACE/OCE elements, major subordinate commands, districts, laboratories, and field operating activities (FOA) having military construction and design responsibilities.

3. Discussion. The enclosed material constitutes a general reference work on the specialized subject of electromagnetic pulse (EMP) and TEMPEST protection. It was assembled over several years by our Construction Engineering Research Laboratory. The designer who is interested in the theory behind the-design will find this material useful. The designer will also find information on aspects of the subject not normally part of the design effort.

FOR THE COMMANDER:

Encl

ROBERT L. HERNDON
Colonel, Corps of Engineers
Chief of Staff