

UNITED STATES MARINE CORPS
Marine Corps Air Station
(Helicopter)
New River, Jacksonville
North Carolina 28548

204:FEA:jw
11000
AUG 22 1983

From: Commanding Officer
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina
28542 (Attn: Assistant Chief of Staff, Facilities)

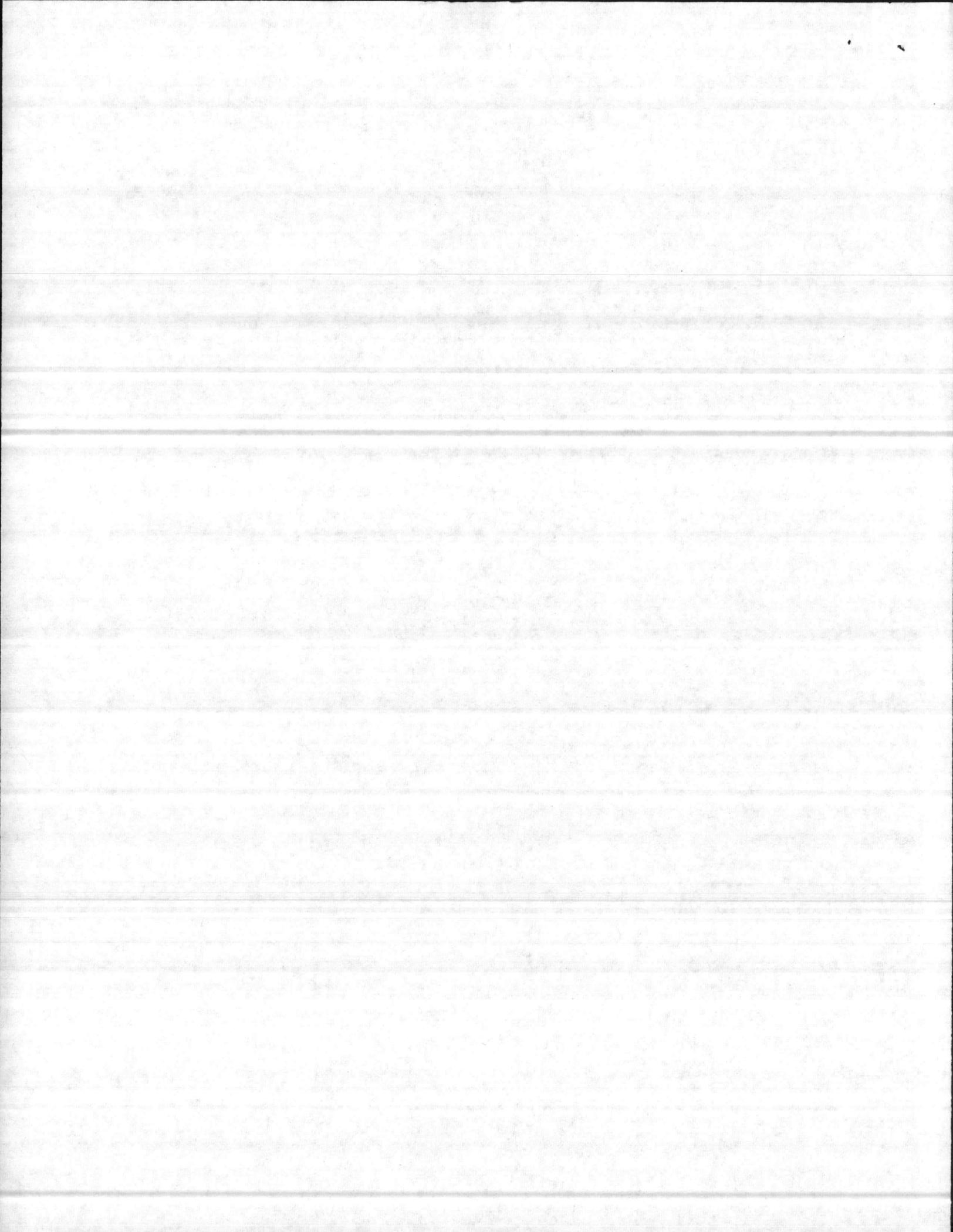
Subj: Cathodic Protection information; request for

Encl: (1) NAVFACENGCORPLANT ltr 102B4:KDL:dgb dtd 30 Jun 1983

1. Enclosure (1) is forwarded for your assistance in providing the requested information.
2. Enclosure (1) requests a response by 31 August, 1983. Please provide MCAS (H), New River (Attn: S-4) with a copy of your reply.

G. W. RUSSELL, JR.
By direction

File
Cathodic Protection - Gen. Info.
ESR





DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511

TELEPHONE NO.
(804) 444-9521
AV 564-9521
IN REPLY REFER TO
102B4:KDL:dgb

3 0 JUN 1983

From: Commander, Atlantic Division, Naval Facilities Engineering Command
To: Commanding Officer, Marine Corps Air Station, New River

Subj: Cathodic Protection Systems, Inspection of

Ref: (a) NAVFACINST 11014.11E of 31 Jan 72

Encl: (1) Cathodic Protection System at Marine Corps Air Station, New River
(2) Cathodic Protection Systems Sample Form

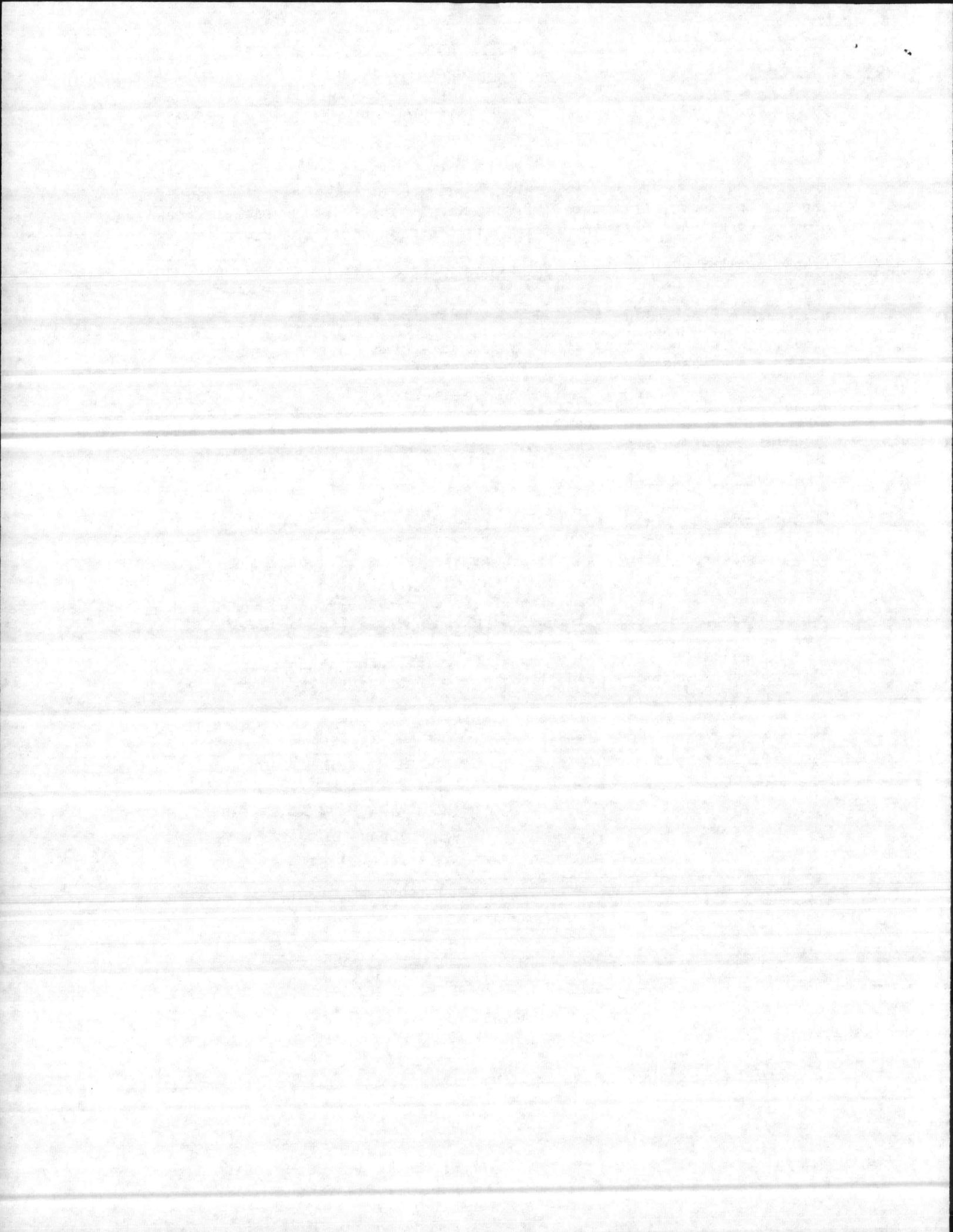
1. In accordance with reference (a), inspection of the existing cathodic protection systems, evaluation of proposed new systems and basic evaluation of the soil conditions at your activity is scheduled to be performed in FY-84. The subject survey will be performed by engineering services contract or LANTNAVFACENGCOM personnel.

2. Enclosure (1) contains information available to LANTNAVFACENGCOM at the present time concerning the cathodic protection systems (existing and proposed) at your activity. The activity is requested to complete enclosure (1) where necessary and return it to LANTNAVFACENGCOM (Code 102B4) by 31 August 1983. The information requested will provide an updated description on each system and allow for better planning of FY-84 surveys.

3. Enclosure (2) is provided as a sample of information required for preparation of a scope of work for an engineering services contract.

4. For additional information or guidance, the point of contact is Mr. Karl Liebrich (Code 102B4) telephone (804)444-9521 or AUTOVON 564-9521.

Wm. H. RUSSELL
By direction



CATHODIC PROTECTION SYSTEM

at

MCAS (H) NEW RIVER, NORTH CAROLINA

SYSTEM NUMBER: 1

STRUCTURES PROTECTED: POL Lines

RECTIFIER NAME PLATE DATA: _____ VOLTS DC, _____ AMPS DC

RECTIFIER (IS) (IS NOT) OPERATIONAL

ANODE DISCRIPTION:

SYSTEM NUMBER: 2

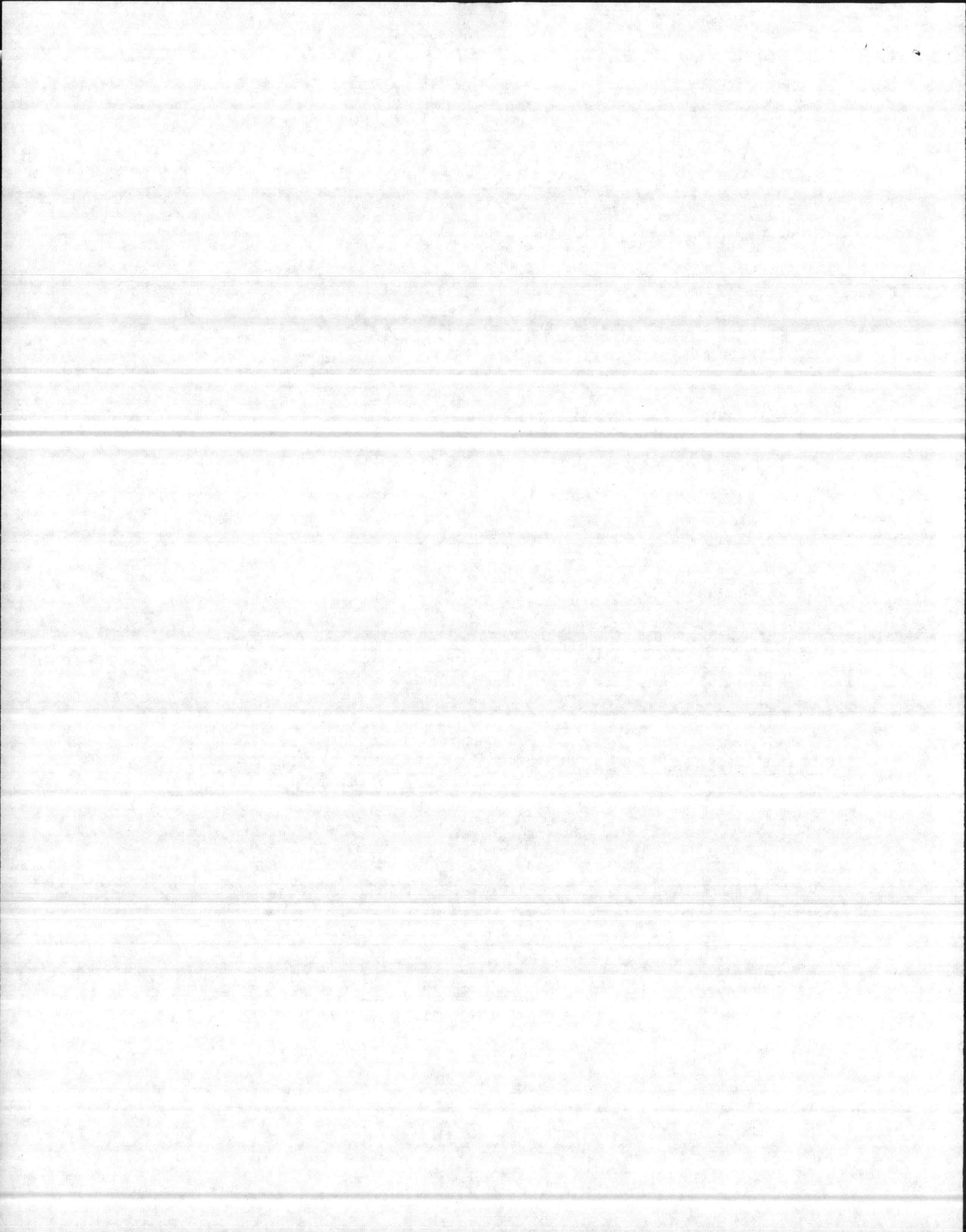
STRUCTURES PROTECTED: Elevated Water Tank

RECTIFIER NAME PLATE DATA: _____ VOLTS DC, _____ AMPS DC

RECTIFIER (IS) (IS NOT) OPERATIONAL

ANODE DISCRIPTION:

PROPOSED SYSTEMS OR AREAS WHICH NEED STUDY:



CATHODIC PROTECTION SYSTEM

at

NAVAL BASE, ATLANTIC

SYSTEM NUMBER: 1

STRUCTURES PROTECTED: 2 - 10 inch JP-5 Fuel Lines From Tank Farm "A"
to Tank "B" (Approx. 5,000LF)

RECTIFIER NAME PLATE DATA: 24 VOLTS DC, 100 AMPS DC

RECTIFIER ~~YES~~ (IS NOT) OPERATIONAL

ANODE DISCRPTION: 30 Durichlur 51 (220 lb) Anodes Located in Field Across
from Bldg. CP-200

SYSTEM NUMBER: 2

STRUCTURES PROTECTED: Water Tank 39 - 2,000,000 gal. Raw Water Tank

RECTIFIER NAME PLATE DATA: 12 VOLTS DC, 150 AMPS DC

RECTIFIER (IS) ~~YES~~ NOT OPERATIONAL

ANODE DISCRPTION: 1 Anode String With 5 "FW" Anodes in Center of Tank
4 Anode Strings With 1 "FW" Anode at 10' Radius
8 Anode Strings With 5 "FW" Anode at 20' Radius

PROPOSED SYSTEMS OR AREAS WHICH NEED STUDY:

- 1) Pier Pilings (in LF of pier)
- 2) Steel Water Tanks (capacity and diameter)
- 3) Water Lines (diameter and LF)
- 4) Fuel Lines (diameter and LF)
- 5) Natural Gas Lines (diameter and LF)
- 6) Submarine Cables or Utilities (type and LF)
- 7) Buildings or Structures (ie., observation towers)

