

DATE OF INSPECTION
 14 DEC. 17 DEC 1981

TYPE OF INSPECTION
 A INTERNAL & EXTERNAL B INTERNAL & EXTERNAL WITH PRESSURE TEST C OPERATIONAL

1. FROM **BASE MAINT. OFFICER
 CAMP. LEJEUNE, N. C.**
 2. TO **NAVFACENGCOM
 NORFOLK, VA.**

14. CERTIFICATE ISSUED YES NO
 EXPIRES 14 DEC. 1982
 15. BOILER INSPECTOR

Thomas L. Lanier
 NAVY OR NATIONAL BOARD NO.

NAVFAC 239
 16. REASON FOR NOT ISSUING CERTIFICATE

BOILER DATA

3. MANUFACTURER **Combustion ENGINEERING CO.**

4. PROPERTY NO. 84	5. MFG. SERIAL NO. 1110-233 1110-40233	6. MFG. MODEL NO. TYPE-A
7. BUILDING NO. G-650	8. YEAR BUILT 1969	9. CAPACITY 40,000 lbs/HR

10. FUEL (Check)
 COAL OIL GAS

11. PRESSURE
 DESIGNED **200** psi OPERATING **120** psi TEST **200** psi

12. FEED WATER TREATMENT
 SATISFACTORY UNSATISFACTORY

13. TYPE
 WATER TUBE FIRE TUBE C. I.

17. BOILER USE
EXPORT
 19. COMBUSTION
9.0 % CO₂ _____ % EXCESS O₂

18. COMBUSTION CONTROL (Mfg. Name)
FIREYE & BECKMAN
 20. FLUE GAS TEMPERATURE
 AFTER BOILER **400** °F : AFTER HEAT TRAP _____ °F

SAFETY DEVICES
 SAFETY VALVES

21. MANUFACTURER **Consolidated**

22. NUMBER AND SIZE 2-2 1/2"	23. PSI SETTING 140-150	24. CONDITION GOOD
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25. MANUFACTURER **ASHCROFT**

26. CORRECTIONS
 WATER LEG CONSTANT _____ psi; OTHER _____ psi

27. REASON IF NOT TESTED

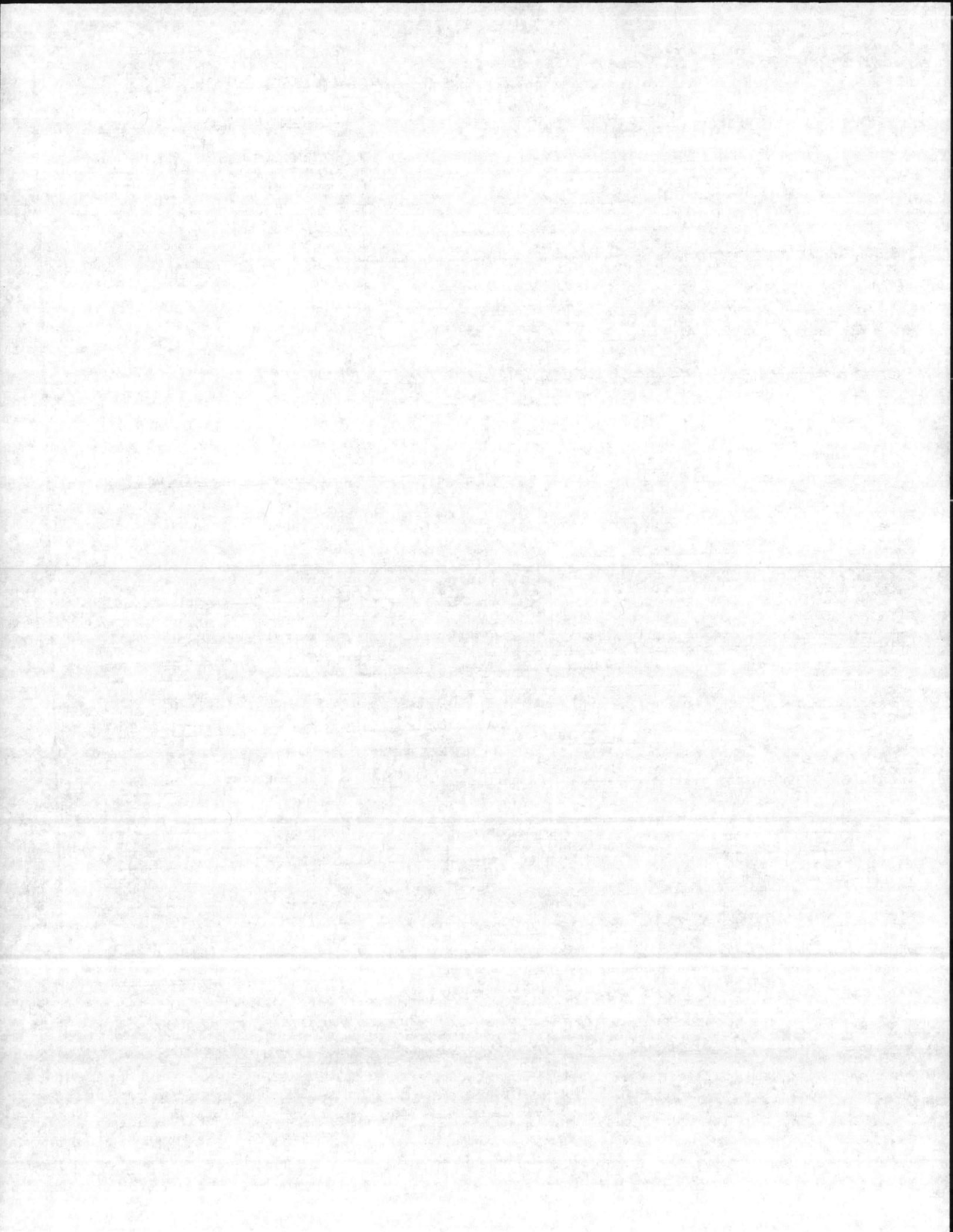
FIRING EQUIPMENT

ITEM	IN SERVICE	ALTERNATE
28. MANUFACTURER	TODD	NONE
29. TYPE	NOZZLE SPRAY-STEAM ATOM	
30. FUEL GRADE	#6	

31. INSPECTOR'S COMMENTS
Boiler Retubed, Rebricked and NEW CASINGS under contract NO. 81-3577-Hydrostatically tested as per LANDIV LTR. III: AHG, 11310/1 of 17 Sep. 1981 - REPAIR SMOKE INDICATORS

32. ATTACHMENT(S) (Check)
 COPY OF INSPECTOR'S REPORT SPECIAL COMMENTS

33. SIGNATURE
R.M. Dillen
 BY DIRECTION



BMS, INC. BURNETTE MECHANICAL SERVICE, INC.

P. O. BOX 15056 — TELEPHONE 804-321-5621

5000 SANDPIPER DR., RICHMOND, VA. 23227

Date: 11/1/81

Officer in Charge of Construction
Naval Facilities Engineering Command Contracts
Jacksonville, North Carolina Area
Marine Corps Base
Camp Lejeune, NC 28542

ATTN: J. A. Rave
BOICC

Ref: Contract No. 62470-81-C-3577
Repair/Retube Boilers 83, 84 & 85
Bldg. G-650
Camp Geiger, M.C.B.
Camp Lejeune, NC
HYDROSTATIC TESTS, BOILER NO.: 84

Gentlemen:

Boiler No. 84 will be ready for hydrostatic testing or retesting in accordance with the ASME Boiler and Pressure Code, Section I on: 11/12/81.

Boiler to be tested as follows:

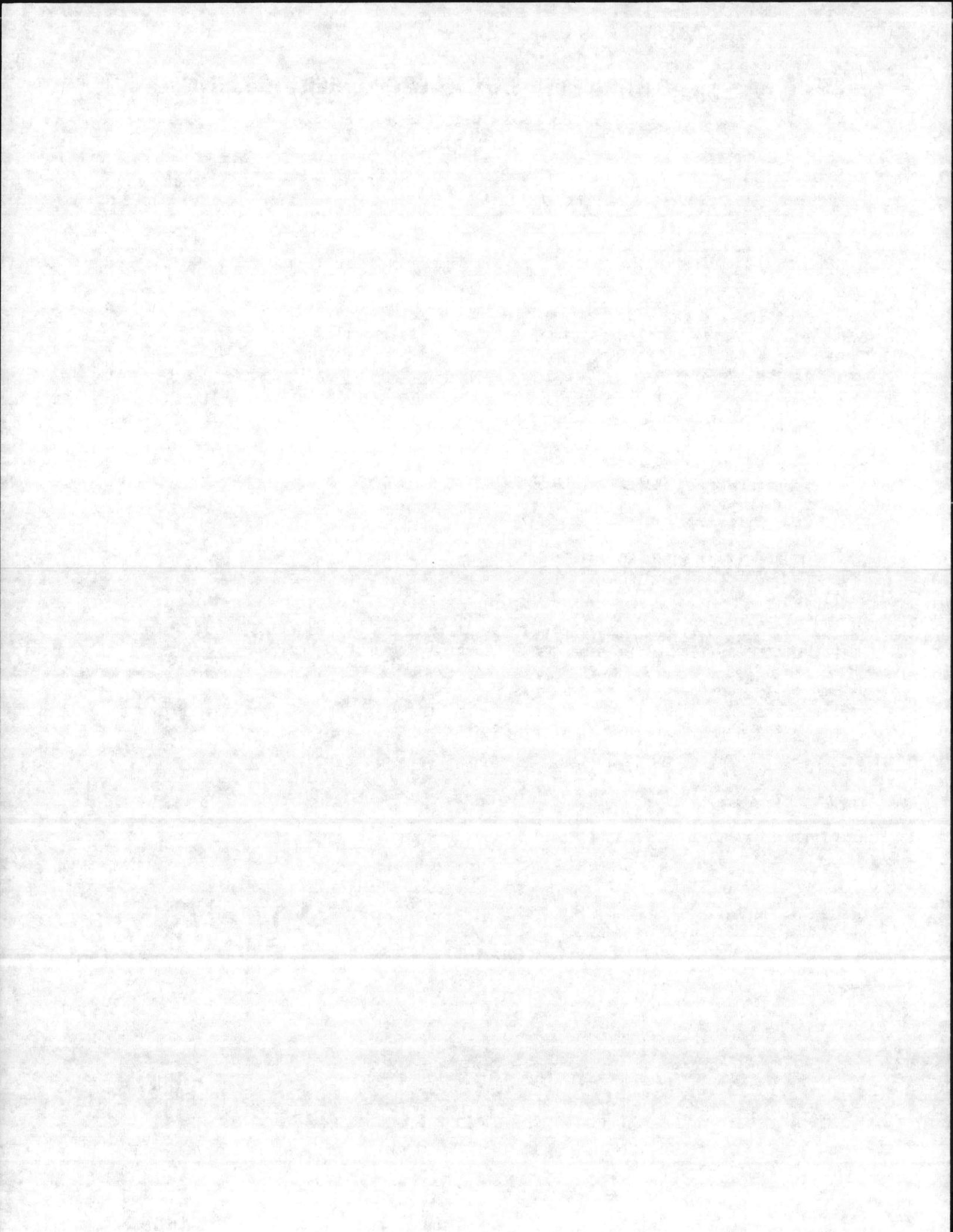
- 1300
- () Safety check at 1/2 design pressure or 300 PSI.
 - () Tightness test or visual test at design pressure or 200 PSI.

Very truly yours,

BURNETTE MECHANICAL SERVICE, INC.

Dewitt J. Burnette
President

DJB/kbr



INSPECTION REPORT-BOILERS
 NAVFAC 5-11014/41 (3/87)
 Supersedes NAVDOCKS 2544
 S/N 0105-LF-004-0000

DATE OF INSPECTION
 21 AUG 1979

TYPE OF INSPECTION
 A INTERNAL & EXTERNAL B INTERNAL & EXTERNAL WITH PRESSURE TEST C OPERATIONAL

1. FROM BASE MAINT. OFFICER
 CAMP LEJEUNE, N. C.
 2. TO NAVFACENCOM
 NORFOLK, VA

14. CERTIFICATE ISSUED YES NO
 EXPIRES 21 OCT 1979
 15. BOILER INSPECTOR
Jesse L. Sellem
 NAVY OR NATIONAL BOARD NO.
 NAVFAC 225
 16. REASON FOR NOT ISSUING CERTIFICATE

BOILER DATA

3. MANUFACTURER
 COMBUSTION ENGINEERING
 4. PROPERTY NO. 84
 5. MFG. SERIAL NO. 1110-233
 6. MFG. MODEL NO. TYPE A-
 7. BUILDING NO. G-650
 8. YEAR BUILT 1969
 9. CAPACITY 40,000 #/HR
 10. FUEL (Check) COAL OIL GAS
 11. PRESSURE DESIGNED 200 psi OPERATING 120 psi TEST 300 psi
 12. FEED WATER TREATMENT SATISFACTORY UNSATISFACTORY
 13. TYPE WATER TUBE FIRE TUBE C. I.

17. BOILER USE EXPORT
 18. COMBUSTION CONTROL (Mfg. Name) FIREYE & BECKMAN
 19. COMBUSTION % CO₂ _____ % EXCESS O₂ _____
 20. FLUE GAS TEMPERATURE AFTER BOILER _____ °F : AFTER HEAT TRAP _____ °F

SAFETY DEVICES
 SAFETY VALVES

21. MANUFACTURER Consolidated
 22. NUMBER AND SIZE 2-2 1/2"
 23. PSI SETTING 135-140
 24. CONDITION —

STEAM PRESSURE GAUGE

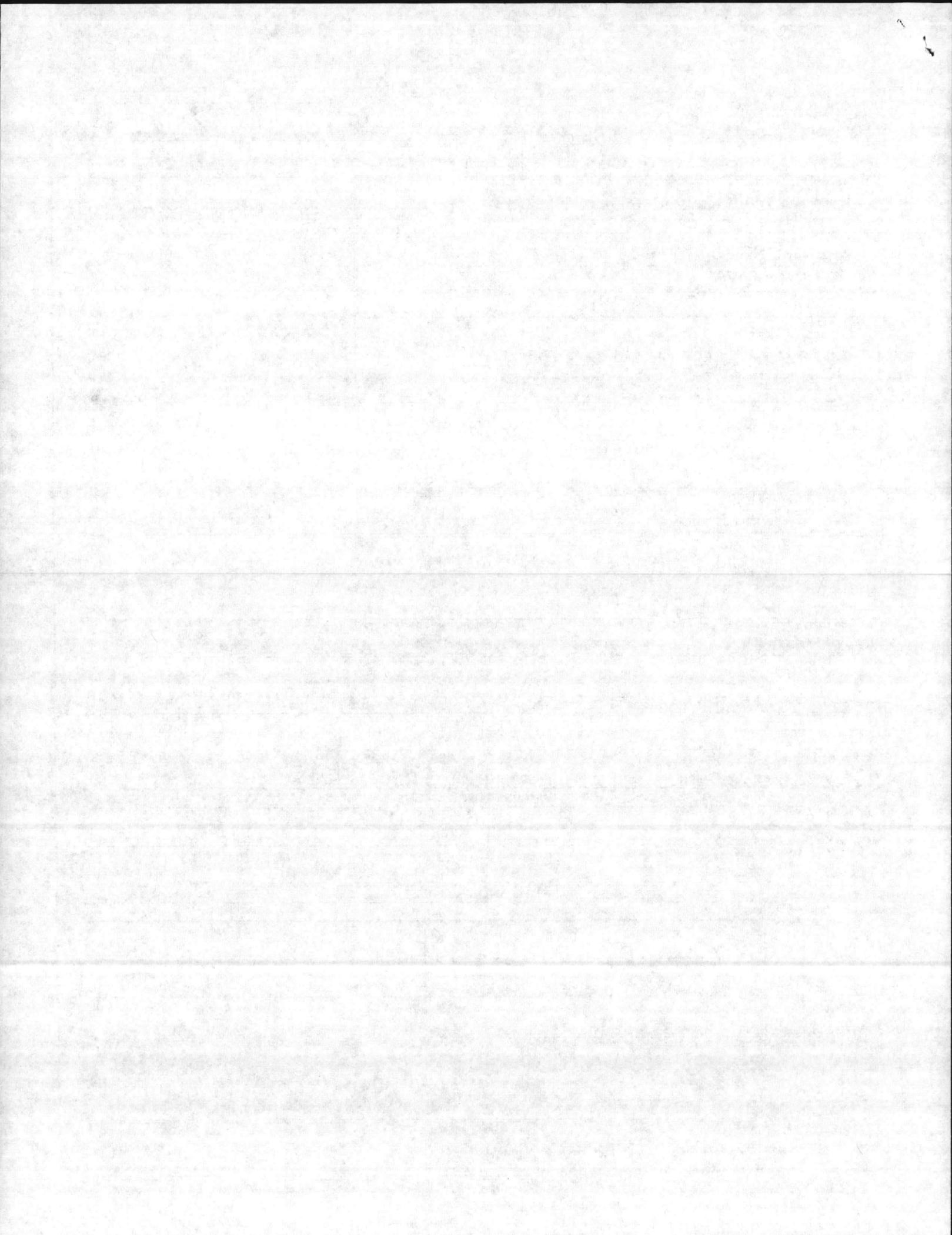
25. MANUFACTURER ASHCROFT
 26. CORRECTIONS WATER LEG CONSTANT _____ psi; OTHER _____ psi
 27. REASON IF NOT TESTED

FIRING EQUIPMENT

ITEM	IN SERVICE	ALTERNATE
MANUFACTURER	Todd	
TYPE	NOZZLE SPRAY - STEAM-AIR Atom	
FUEL GRADE	#6	
INSPECTOR'S COMMENTS		

INSPECTOR'S REPORT SPECIAL COMMENTS

33. SIGNATURE
R.M. Sellem
 BY DIRECTION



5ND LANTDIV 9-4730/6 (Rev. 8/68)
Boiler Inspection - Addendum to NAVFAC 9-11014/41

DATE: 21 August 1979

ACTIVITY: Marine Corps Base, Camp Lejeune, North Carolina

BUILDING NO: G-650

BOILER NO: 84

Based on the existing condition and present rate of deterioration, it is estimated that the boiler has a remaining life of

5 or more years

() years

The following corrective action is recommended:

1. The ultrasonic testing by combustion engineering revealed tube metal to
be satisfactory.

2. The boiler casing was removed and all passes cleaned on fireside.

3. Clean-out and inspection door were installed in the 2d pass in front and
back of the boiler over bottom headers.

4. This boiler is being certified for 60 days pending outcome of DOW Chemical
contract on water side cleaning.

