



UNITED STATES MARINE CORPS

Base Maintenance Division
Marine Corps Base
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO
MAIN/DKM/al^m
11300

From: Base Maintenance Officer
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina 28542

Subj: Boiler Inspection Report - Building TT-60, Boiler No. 79

Ref: (a) MCO 11300.9B

Encl: (1) Boiler Inspection Report - NAVFAC 9-11014/41

1. After inspection of subject boiler, it was discovered that section number nine on the front side of the boiler is leaking as shown on the enclosure. It is recommended that this new section be installed and all gaskets and seals be replaced.

2. This report is submitted in accordance with the reference.

Copy to:
CMC (Code LFF)
AC/S, Facilities
NAVFACENGCOM

DATE OF INSPECTION
 14 SEPT 1983

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

15. BOILER INSPECTOR
 Thomas L. Lanier
 NAVY OR NATIONAL BOARD NO.
 WIAUFAC 239

16. REASON FOR NOT ISSUING CERTIFICATE
 ONE SECTION OF
 BOILER IS LEAKING.

BOILER DATA

3. MANUFACTURER
 H. B. SMITH

4. PROPERTY NO. 79	5. MFG. SERIAL NO.	6. MFG. MODEL NO. 3500
7. BUILDING NO. TT-60	8. YEAR BUILT 1967	9. CAPACITY 2,800,000 BTU/HR.
10. FUEL (Check)		
<input type="checkbox"/> COAL	<input checked="" type="checkbox"/> OIL	<input type="checkbox"/> GAS
11. PRESSURE		
DESIGNED 40 psi	OPERATING 12 psi	TEST 60 psi
12. FEED WATER TREATMENT		
<input type="checkbox"/> SATISFACTORY <input type="checkbox"/> UNSATISFACTORY		
13. TYPE		
<input type="checkbox"/> WATER TUBE	<input type="checkbox"/> FIRE TUBE	<input checked="" type="checkbox"/> C. I.

17. BOILER USE
 HEATING

18. COMBUSTION CONTROL (Mfg. Name)
 HONEYWELL

19. COMBUSTION

20. FLUE GAS TEMPERATURE

_____ % CO₂ _____ % EXCESS O₂ AFTER BOILER _____ °F : AFTER HEAT TRAP _____ °F

SAFETY DEVICES
 SAFETY VALVES

21. MANUFACTURER
 McDONNELL MILLER

22. NUMBER AND SIZE 2-1 1/2"	23. PSI SETTING 40	24. CONDITION
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25. MANUFACTURER

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

27. REASON IF NOT TESTED

FIRING EQUIPMENT

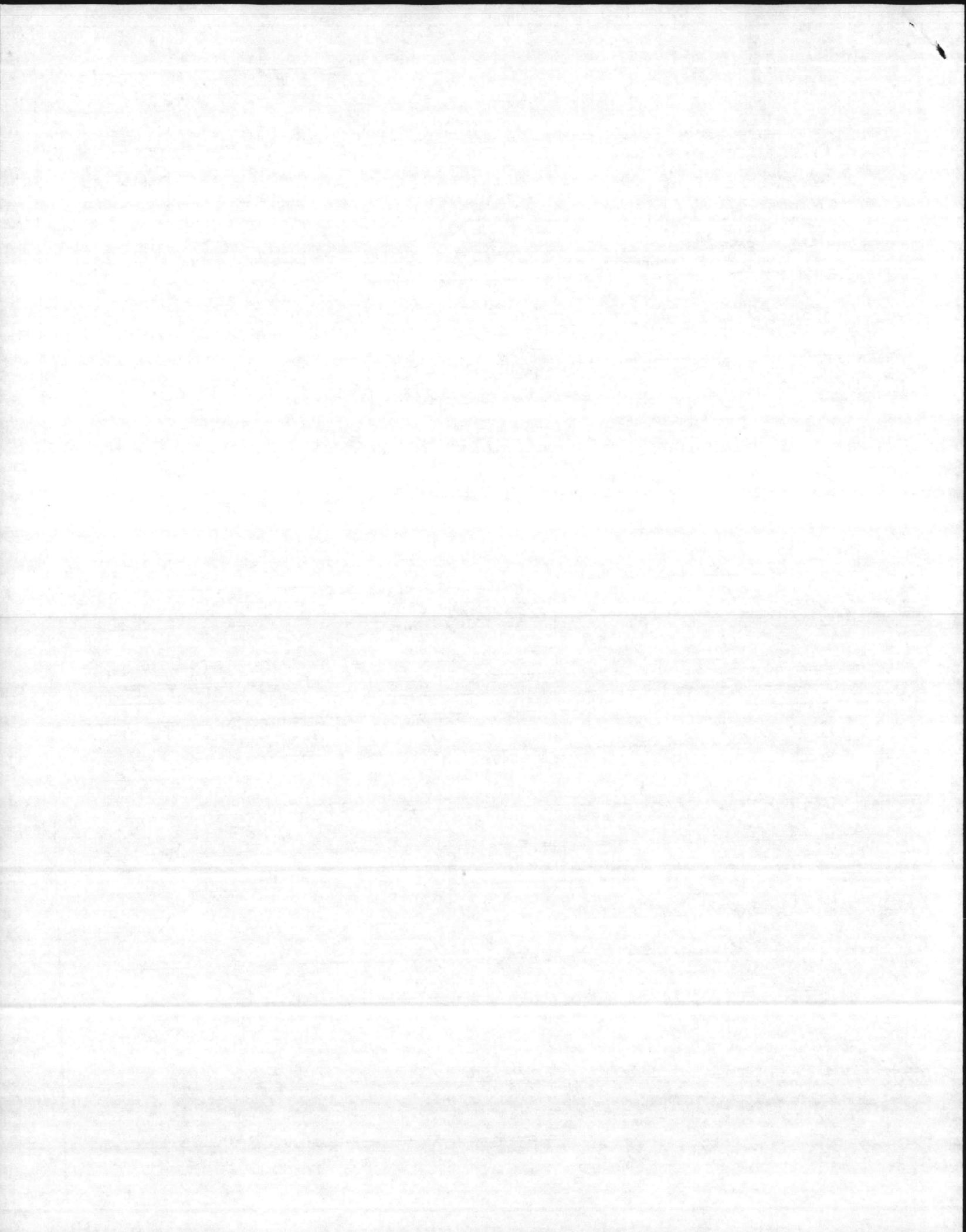
ITEM	IN SERVICE	ALTERNATE
28. MANUFACTURER	SIEMON MFG. CO.	
29. TYPE	NOZZLE SPRAY	
30. FUEL GRADE	#2	
31. INSPECTOR'S COMMENTS		

32. ATTACHMENT(S) (Check)

COPY OF INSPECTOR'S REPORT SPECIAL COMMENTS

33. SIGNATURE

BY DIRECTION
 * G.P.O.: 1982-507-422



DATE OF INSPECTION
 25 NOV. 1981

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

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

14. CERTIFICATE ISSUED YES NO
 EXPIRES 25 NOV. 1982
 15. BOILER INSPECTOR

Thomas L. Lenoir
 NAVY OR NATIONAL BOARD NO.

BOILER DATA

3. MANUFACTURER
H. B. Smith
 4. PROPERTY NO. *79* 5. MFG. SERIAL NO. *-* 6. MFG. MODEL NO. *3500*
 7. BUILDING NO. *TT-60* 8. YEAR BUILT *1967* 9. CAPACITY *2,800,000 BTU/HR*
 10. FUEL (Check) COAL OIL GAS 11. PRESSURE
 DESIGNED *40* psi OPERATING *12* psi TEST *-* psi
 12. FEED WATER TREATMENT SATISFACTORY UNSATISFACTORY 13. TYPE WATER TUBE FIRE TUBE C. I.

16. REASON FOR NOT ISSUING CERTIFICATE
NAVFAC 239

17. BOILER USE
HEATING
 19. COMBUSTION
11. % CO₂ _____ % EXCESS O₂

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

SAFETY DEVICES
 SAFETY VALVES

21. MANUFACTURER *McDONNELL MILLER* 22. NUMBER AND SIZE *2-1 1/2"* 23. PSI SETTING *40* 24. CONDITION *GOOD*

STEAM PRESSURE GAUGE

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

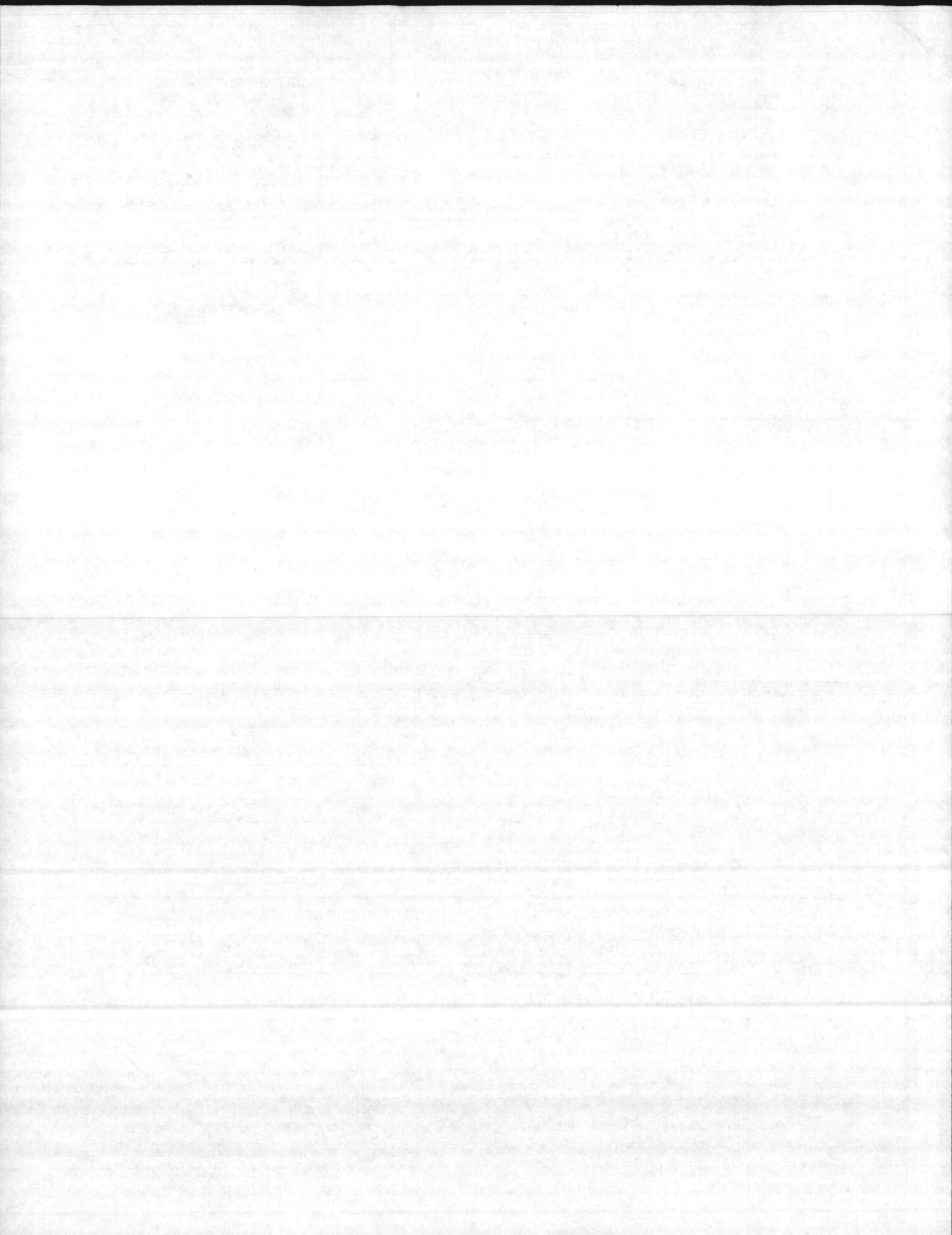
FIRING EQUIPMENT

ITEM	IN SERVICE	ALTERNATE
28. MANUFACTURER	<i>SIEMON MFG. CO.</i>	
29. TYPE	<i>NOZZLE SPRAY</i>	
30. FUEL GRADE	<i>#2</i>	

31. INSPECTOR'S COMMENTS
① INSTALL DRAIN LINE ON LWCO

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

33. SIGNATURE
R. M. Dillon
 BY DIRECTION



INSPECTION REPORT-BOILERS
 NAVFAC 9-11014/41 (3/67)
 Supersedes NAVDOCKS 2544
 S/N 0105-LF-004-0000

DATE OF INSPECTION

2 NOV 1978

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

COMMANDANT Hdqtrs MARINE CORPS (CODE LFF)

14.

CERTIFICATE ISSUED YES NO

EXPIRES 28 JULY 1979

15. BOILER INSPECTOR

James L. Sellers
 NAVY OR NATIONAL BOARD NO.

NAVFAC 225

16. REASON FOR NOT ISSUING CERTIFICATE

BOILER DATA

3. MANUFACTURER

H. B. SMITH

4. PROPERTY NO.

79

5. MFG. SERIAL NO.

—

6. MFG. MODEL NO.

3500

7. BUILDING NO.

IT-60

8. YEAR BUILT

1967

9. CAPACITY

2,800,000 BTU/HR

10. FUEL (Check)

COAL OIL GAS

11. PRESSURE

DESIGNED

40

psi

OPERATING

12

psi

TEST

—

psi

12. FEED WATER TREATMENT

SATISFACTORY UNSATISFACTORY

13. TYPE

WATER TUBE

FIRE TUBE

C. I.

17. BOILER USE

HEATING

18. COMBUSTION CONTROL (Mfg. Name)

HONEYWELL

19. COMBUSTION

8.5 % CO₂ % EXCESS O₂

20. FLUE GAS TEMPERATURE

AFTER BOILER 480 °F ; AFTER HEAT TRAP °F

SAFETY DEVICES

SAFETY VALVES

21. MANUFACTURER

MCDONNELL MILLERS

22. NUMBER AND SIZE

2 - 1 1/2"

23. PSI SETTING

40

24. CONDITION

GOOD

STEAM PRESSURE GAUGE

25. MANUFACTURER

MARSH

26. CORRECTIONS

WATER LEG CONSTANT _____ psi; OTHER _____ psi

27. REASON IF NOT TESTED

FIRING EQUIPMENT

ITEM

IN SERVICE

ALTERNATE

28. MANUFACTURER

SIEMON MFG. CO.

NONE

29. TYPE

NOZZLE SPRAY

30. FUEL GRADE

#2

31. INSPECTOR'S COMMENTS

OK

32. ATTACHMENT(S) (Check)

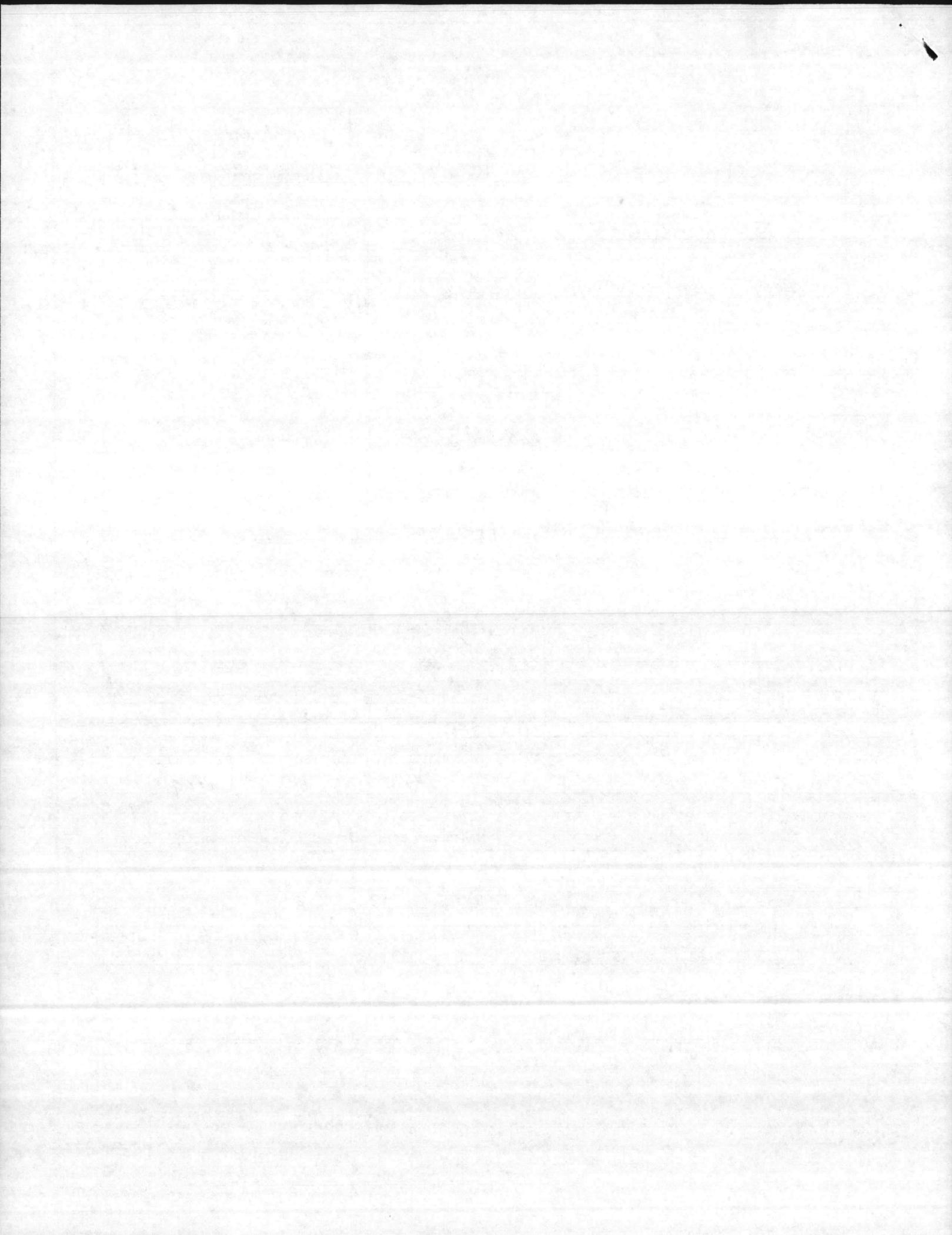
COPY OF INSPECTOR'S REPORT

SPECIAL COMMENTS

33. SIGNATURE

R. M. Dillon

BY DIRECTION



INSPECTION REPORT-BOILERS
 NAVFAC 9-11014/41 (3/67)
 Supersedes NAVDOCKS 2544
 S/N 0105-LF-004-0000

DATE OF INSPECTION
 11 AUG-1978

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

1. FROM
 BASE MAINT. OFFICER CAMP LEJEUNE N.C.

14. CERTIFICATE ISSUED YES NO
 EXPIRES 31 JAN 1979

2. TO
 Commandant Hdqtrs MARINE CORPS (CODE LFF)

15. BOILER INSPECTOR
 James J. Sellen
 NAVY OR NATIONAL BOARD NO.

BOILER DATA

3. MANUFACTURER
 H.B. Smith Co.

16. REASON FOR NOT ISSUING CERTIFICATE
 NAVFAC 225

4. PROPERTY NO. 79 5. MFG. SERIAL NO. — 6. MFG. MODEL NO. 3500

7. BUILDING NO. TT 60 8. YEAR BUILT 1967 9. CAPACITY 2,800,000 BTU/HR

10. FUEL (Check) COAL OIL GAS 11. PRESSURE
 DESIGNED 40 psi OPERATING 12 psi TEST 60 psi

12. FEED WATER TREATMENT SATISFACTORY UNSATISFACTORY 13. TYPE WATER TUBE FIRE TUBE C. I.

17. BOILER USE
 HEATING

18. COMBUSTION CONTROL (Mfg. Name)
 HONEYWELL

19. COMBUSTION
 % CO₂ _____ % EXCESS O₂ _____

20. FLUE GAS TEMPERATURE
 AFTER BOILER _____ °F : AFTER HEAT TRAP _____ °F

SAFETY DEVICES

SAFETY VALVES

21. MANUFACTURER Mc DONNELL Miller 22. NUMBER AND SIZE 2-1 1/2" 23. PSI SETTING 40 24. CONDITION

STEAM PRESSURE GAUGE

25. MANUFACTURER MARSH 26. CORRECTIONS
 WATER LEG CONSTANT _____ psi; OTHER _____ psi

27. REASON IF NOT TESTED

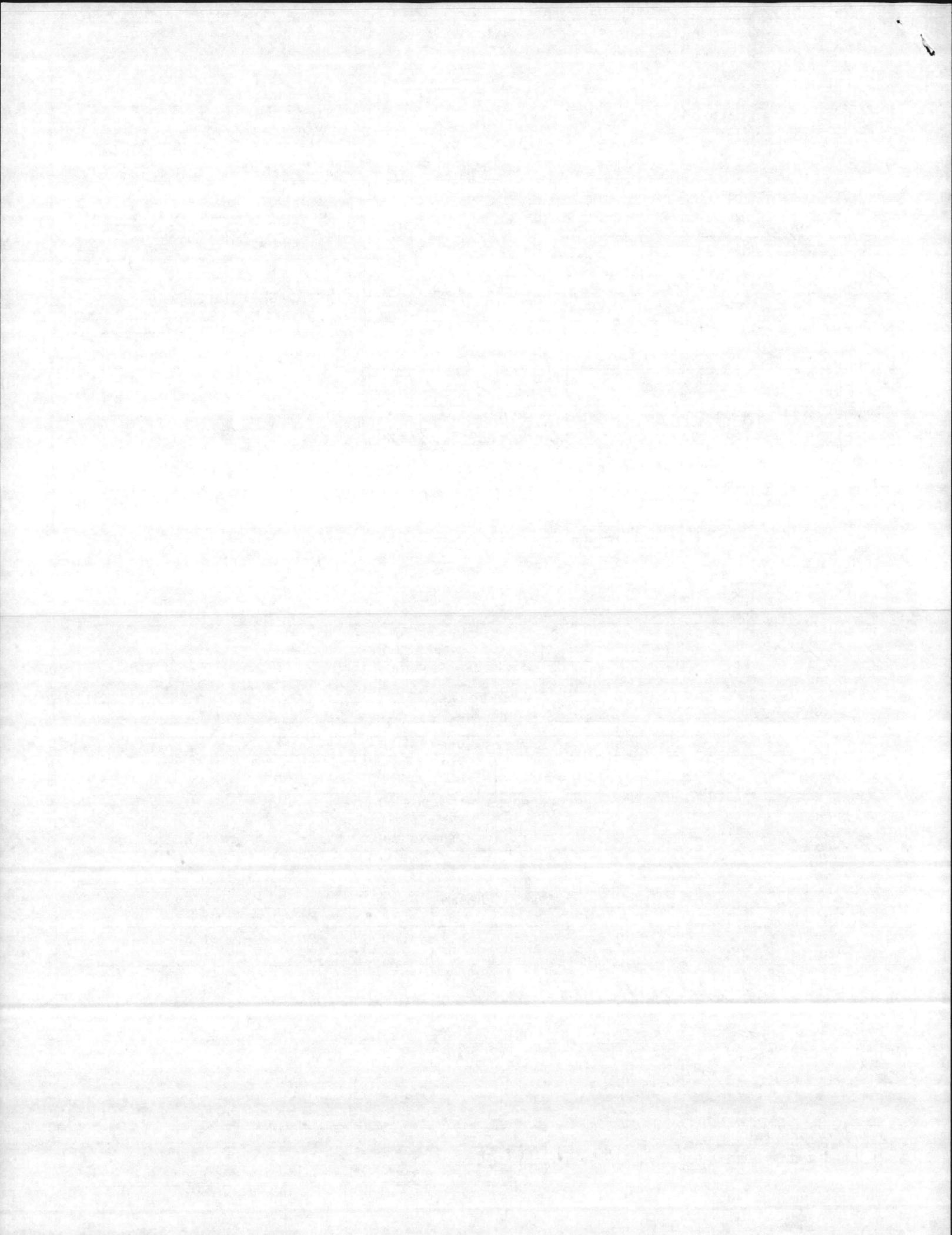
FIRING EQUIPMENT

ITEM	IN SERVICE	ALTERNATE
28. MANUFACTURER	POWER FLAME	NONE
29. TYPE	NOZZLE SPRAY PRESS ATOM	
30. FUEL GRADE	#2	

31. INSPECTOR'S COMMENTS
 OK-

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

33. SIGNATURE
 R.M. Sellen
 BY DIRECTION



INSPECTION REPORT-BOILERS
 NAVFAC 9-11014/41 (3/67)
 Supersedes NAVDOCKS 2544
 S/N 0105-LF-004-0000

DATE OF INSPECTION

12-2-76

TYPE OF INSPECTION

A INTERNAL & EXTERNAL B INTERNAL & EXTERNAL WITH PRESSURE TEST C OPERATIONAL

1. FROM

Base Maint Officer Camp Lejeune NC.

2. TO

Commandant Navy's Marine Corps (Code LFF)

14.

CERTIFICATE ISSUED YES NO

Expires 6-8-77

15. BOILER INSPECTOR

E.D. Mobley

NAVY OR NATIONAL BOARD NO.

NAVFAC 101

16. REASON FOR NOT ISSUING CERTIFICATE

BOILER DATA

3. MANUFACTURER

H.B. Smith

4. PROPERTY NO.

79

5. MFG. SERIAL NO.

-

6. MFG. MODEL NO.

3580

7. BUILDING NO.

1967

8. YEAR BUILT

9. CAPACITY

2,800,000 BTU/HR

10. FUEL (Check)

COAL OIL GAS

11. PRESSURE

DESIGNED

40 psi

OPERATING

12 psi

TEST

- psi

12. FEED WATER TREATMENT

SATISFACTORY UNSATISFACTORY

13. TYPE

WATER TUBE

FIRE TUBE

C. I.

17. BOILER USE

Heating

18. COMBUSTION CONTROL (Mfg. Name)

Honeywell

19. COMBUSTION

9.5 % CO₂

% EXCESS O₂

20. FLUE GAS TEMPERATURE

AFTER BOILER 450 °F ; AFTER HEAT TRAP °F

SAFETY DEVICES

SAFETY VALVES

21. MANUFACTURER

McDonnell Miller

22. NUMBER AND SIZE

2-1 1/2"

23. PSI SETTING

40

24. CONDITION

Good

STEAM PRESSURE GAUGE

25. MANUFACTURER

Marsh

26. CORRECTIONS

WATER LEG CONSTANT _____ psi; OTHER _____ psi

27. REASON IF NOT TESTED

FIRING EQUIPMENT

ITEM	IN SERVICE	ALTERNATE
28. MANUFACTURER	Sieman Mfg. Co.	None
29. TYPE	Nozzle, Spray - Press. Atom.	
30. FUEL GRADE	#2	

31. INSPECTOR'S COMMENTS

O.K.

32. ATTACHMENT(S) (Check)

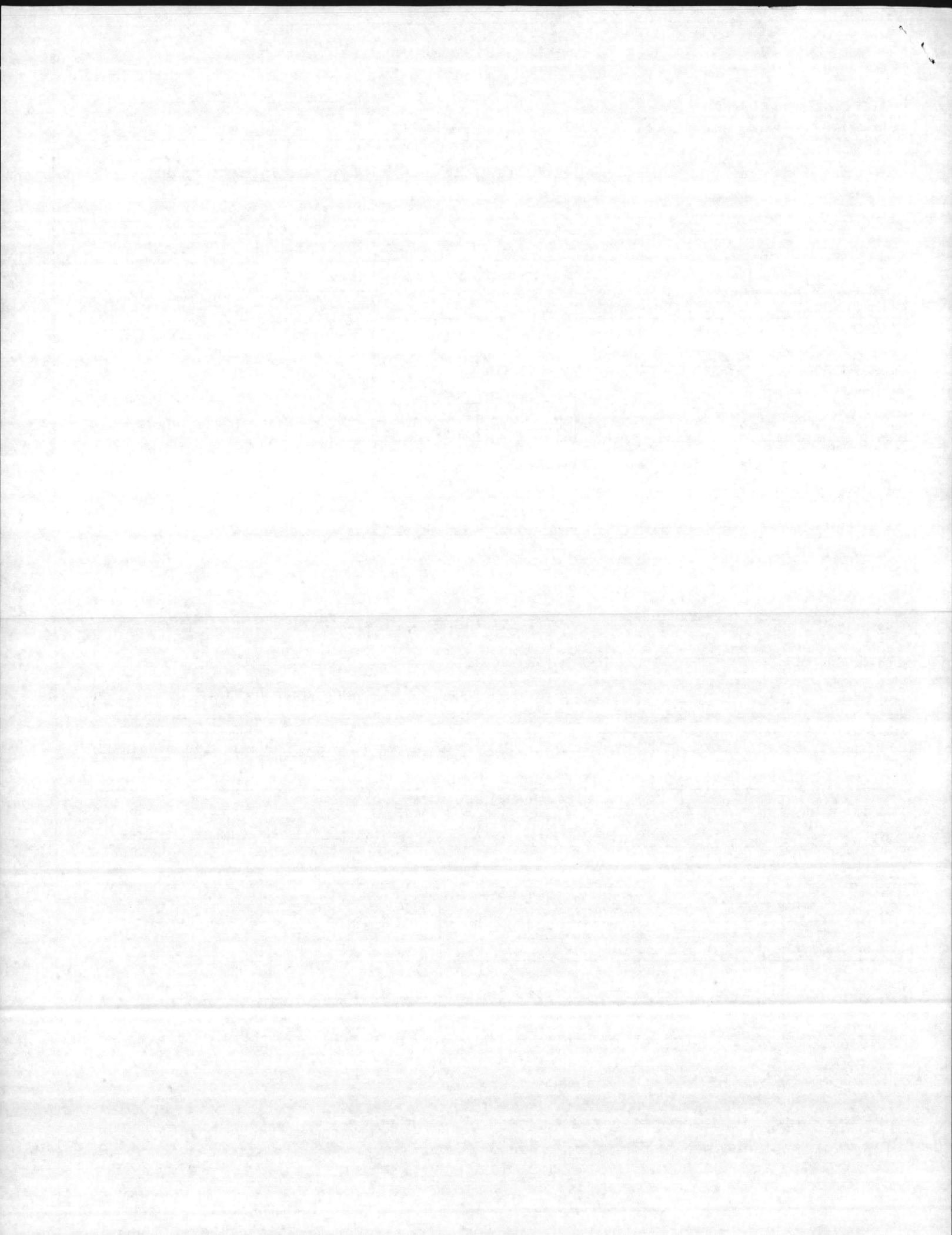
COPY OF INSPECTOR'S REPORT

SPECIAL COMMENTS

33. SIGNATURE

Daniel S. White

BY DIRECTION



INSPECTION REPORT-BOILERS
 NAVFAC 9-11014/41 (3/67)
 Supersedes NAVDOCKS 2544
 S/N 0105-004-0000

DATE OF INSPECTION
 6-8-76 / 7-15-76

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

1. FROM
 Base MAINT. OFFICER Camp Lejeune NC.

14. CERTIFICATE ISSUED YES NO
 EX. 11-11-76

2. TO
 Commandant Hqs Marine Corps (Code LFF)

15. BOILER INSPECTOR
 E.D. Mobley
 NAVY OR NATIONAL BOARD NO.

BOILER DATA

3. MANUFACTURER
 N.B. Smith Co.

4. PROPERTY NO. 79	5. MFG. SERIAL NO. -	6. MFG. MODEL NO. 3500
7. BUILDING NO. II 60	8. YEAR BUILT 1967	9. CAPACITY 2,800,000 BTU/HR
10. FUEL (Check) <input type="checkbox"/> COAL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS		11. PRESSURE DESIGNED 40 psi OPERATING 12 psi TEST 60 psi
12. FEED WATER TREATMENT <input checked="" type="checkbox"/> SATISFACTORY <input type="checkbox"/> UNSATISFACTORY		13. TYPE <input type="checkbox"/> WATER TUBE <input type="checkbox"/> FIRE TUBE <input checked="" type="checkbox"/> C. I.

16. REASON FOR NOT ISSUING CERTIFICATE
 NAVFAC 101

17. BOILER USE
 Heating

19. COMBUSTION
 % CO₂ _____ % EXCESS O₂ _____

18. COMBUSTION CONTROL (Mfg. Name)
 Honeywell

20. FLUE GAS TEMPERATURE
 AFTER BOILER _____ °F : AFTER HEAT TRAP _____ °F

SAFETY DEVICES
SAFETY VALVES

21. MANUFACTURER
 McDonnell Miller

22. NUMBER AND SIZE
 2-1 1/2"

23. PSI SETTING

24. CONDITION

25. MANUFACTURER
 MARSH

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

27. REASON IF NOT TESTED

FIRING EQUIPMENT

ITEM	IN SERVICE	ALTERNATE
28. MANUFACTURER	Power Flame	NONE
29. TYPE	Nozzle Spray Press. ATM.	
30. FUEL GRADE	#2	

31. INSPECTOR'S COMMENTS

OK.

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

33. SIGNATURE
 Daniel L. White
 BY DIRECTION

