

DATE OF INSPECTION
 8 JULY - 4 SEPT. 1985

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

1 FROM
 COMMANDING GENERAL
 MCB, CAMP LEJEUNE, NC

2 TO
 NAVFACENGCOM
 NORFOLK, VA

14. CERTIFICATE ISSUED YES NO
 EXPIRES 8 JULY 1989

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

BOILER DATA

3. MANUFACTURER
 BURNHAM

4. PROPERTY NO. 6	5. MFG. SERIAL NO. 15659	6. MFG. MODEL NO. 4 FW-127-SPL
7. BUILDING NO. AS-702	8. YEAR BUILT 1984	9. CAPACITY 885,500 BTU/HR.

10. FUEL (Check)
 COAL OIL GAS

11. PRESSURE
 DESIGNED 30 psi OPERATING 15 psi TEST 45 psi

12. FEED WATER TREATMENT
 SATISFACTORY UNSATISFACTORY

13. TYPE
 WATER TUBE FIRE TUBE C. I.

16. REASON FOR NOT ISSUING CERTIFICATE

17. BOILER USE
 HEATING

18. COMBUSTION CONTROL (Mfg. Name)
 HONEYWELL

19. COMBUSTION
 8.5 % CO₂ % EXCESS O₂

20. FLUE GAS TEMPERATURE
 AFTER BOILER 250 °F ; AFTER HEAT TRAP °F

SAFETY DEVICES
 SAFETY VALVES

21. MANUFACTURER WATTS	22. NUMBER AND SIZE 1-1 1/4"	23. PSI SETTING 30	24. CONDITION GOOD
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25. MANUFACTURER
 U.S. GAGE

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

27. REASON IF NOT TESTED

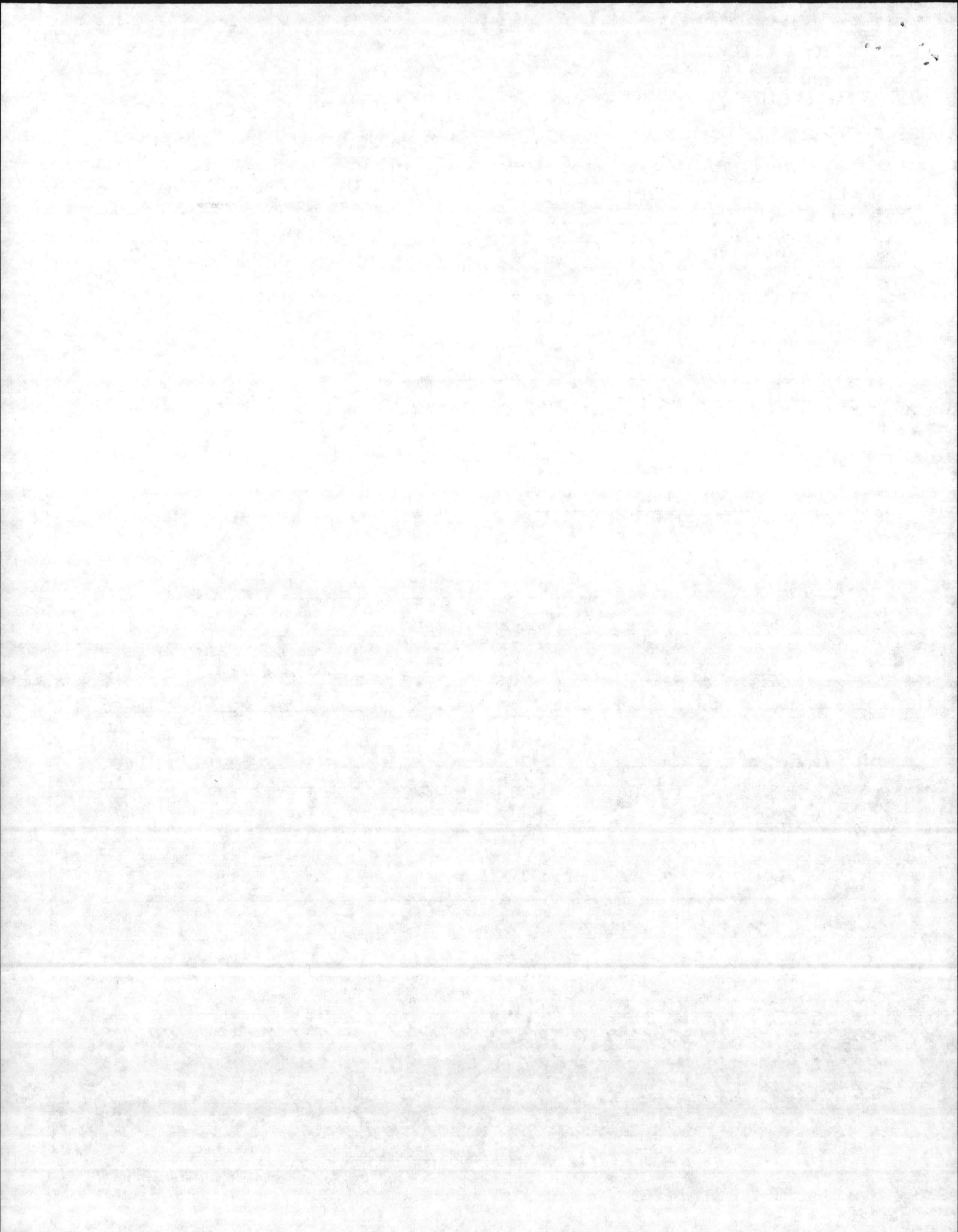
FIRING EQUIPMENT

ITEM	IN SERVICE	ALTERNATE
28. MANUFACTURER	POWER FLAME	
29. TYPE	NOZZLE SPRAY	
30. FUEL GRADE	#2	

31. INSPECTOR'S COMMENTS
 1. NEW BOILER INSTALLED UNDER CONTRACT # 82-4669 AND WILL RETAIN SAME PROPERTY NO AS OLD UNIT.
 2. REROILED 4 TUBES 2ND PASS.

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

33. SIGNATURE
 [Signature]
 BY DIRECTION



MFGRS. SERIAL NO. 15659	MFGRS. MODEL NO. 4FW-127-SPL-LB	MANUFACTURER BURNHAM	DATE OF SHEET 10 SEPT. 85
TYPE OF SUPERHEATER NONE	FURNACE VOLUME _____ CU. FT.	OPERATION <input checked="" type="checkbox"/> AUTOMATIC <input type="checkbox"/> SEMI-AUTOMATIC <input type="checkbox"/> MANUAL	USE <input type="checkbox"/> EXPORT <input type="checkbox"/> ELEC. POWER GENERATION <input type="checkbox"/> LAID UP - WET <input type="checkbox"/> LAID UP - DRY <input checked="" type="checkbox"/> HEATING
TEMPERATURE AT SUPERHEATER OUTLET N/A °F	BOILER 120	PRESSURE (psig) 30 DESIGN _____ MAWP 15 INSTALLED WP	CAPACITY 21.2 HP _____ LB./HR _____ EDR 885.5 M BTU/HR.
NORMAL FEEDWATER TEMPERATURE N/A °F	WATER WALL _____ ECONOMIZER _____ SUPERHEATER _____	AIR HEATER <input type="checkbox"/> NONE <input type="checkbox"/> TUBULAR <input type="checkbox"/> REGENERATIVE <input type="checkbox"/> STEAM	BOILER TYPE <input type="checkbox"/> C.I. <input type="checkbox"/> WATER TUBE <input checked="" type="checkbox"/> FIRE TUBE
(See Reverse Side for Fittings)	DRUMS NO. _____ DIAMETER _____ IN. LENGTH _____ FT. _____ IN. <input type="checkbox"/> RIVETED <input type="checkbox"/> FORGE WELDED <input type="checkbox"/> FUSION WELDED	N/A	DRAFT <input type="checkbox"/> NATURAL <input checked="" type="checkbox"/> FORCED <input type="checkbox"/> INDUCED
			PRODUCES <input type="checkbox"/> STEAM <input checked="" type="checkbox"/> LOW TEMP. WATER <input type="checkbox"/> HIGH TEMP. WATER
			CIRCULATION <input type="checkbox"/> NATURAL <input type="checkbox"/> FORCED

FUEL	FUEL & FIRING EQUIPMENT IN SERVICE		ALTERNATE FUEL & FIRING EQUIPMENT	
	COAL <input type="checkbox"/> ANTHRACITE <input type="checkbox"/> BITUMINOUS GAS <input type="checkbox"/> NATURAL <input type="checkbox"/> MANUFACTURED	OIL <input checked="" type="checkbox"/> COMMERCIAL 1 (2) 4, 5, 6 <input type="checkbox"/> NAVY <input type="checkbox"/> OTHER _____	COAL <input type="checkbox"/> ANTHRACITE <input type="checkbox"/> BITUMINOUS GAS <input type="checkbox"/> NATURAL <input type="checkbox"/> MANUFACTURED	OIL <input type="checkbox"/> COMMERCIAL 1, 2, 4, 5, 6 <input type="checkbox"/> NAVY SPECIAL <input type="checkbox"/> OTHER _____
FIRING EQUIPMENT	<input type="checkbox"/> COAL - HAND FIRED <input type="checkbox"/> COAL - STOKER <input type="checkbox"/> UNDERFEED - MULTIPLE RETORT <input type="checkbox"/> UNDERFEED - SINGLE RETORT <input type="checkbox"/> SPREADER - DUMP GRATE <input type="checkbox"/> SPREADER - VIBRATING GRATE <input type="checkbox"/> SPREADER - TRAVELING GRATE <input type="checkbox"/> CHAIN GRATE GAS <input type="checkbox"/> GAS RING <input type="checkbox"/> VENTURI TYPE	<input type="checkbox"/> COAL - PULVERIZER <input type="checkbox"/> ATTRITION <input type="checkbox"/> BALL & RACE <input type="checkbox"/> BOWL MILL <input type="checkbox"/> TUBULAR <input checked="" type="checkbox"/> OIL BURNERS <input checked="" type="checkbox"/> MECHANICAL <input type="checkbox"/> STEAM ATOMIZED <input type="checkbox"/> AIR ATOMIZED <input type="checkbox"/> ROTARY CUP	<input type="checkbox"/> COAL - HAND FIRED <input type="checkbox"/> COAL - STOKER <input type="checkbox"/> UNDERFEED - MULTIPLE RETORT <input type="checkbox"/> UNDERFEED - SINGLE RETORT <input type="checkbox"/> SPREADER - DUMP GRATE <input type="checkbox"/> SPREADER - VIBRATING GRATE <input type="checkbox"/> SPREADER - TRAVELING GRATE <input type="checkbox"/> CHAIN GRATE GAS <input type="checkbox"/> GAS RING <input type="checkbox"/> VENTURI TYPE	<input type="checkbox"/> COAL - PULVERIZER <input type="checkbox"/> ATTRITION <input type="checkbox"/> BALL & RACE <input type="checkbox"/> BOWL MILL <input type="checkbox"/> TUBULAR <input type="checkbox"/> OIL BURNERS <input type="checkbox"/> MECHANICAL <input type="checkbox"/> STEAM ATOMIZED <input type="checkbox"/> AIR ATOMIZED <input type="checkbox"/> ROTARY CUP
	FIRING EQUIPMENT MANUFACTURER			

PROPERTY NO. 6	BUILDING OR LOCATION A5-702	BOILER	ACTIVITY MCMAS(H) NEW RIVER
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DATA RECORD SHEET - BOILERS
 NAVFAC 9-11014/40 (9-69) Supersedes NAVDOCKS 2509
 S/N 0105-003-7010

FITTING	NUMBER	SIZE	MANUFACTURER	TYPE	SETTING	RANGE	PRESSURE CLASS
SAFETY VALVES	1	1 1/4"	WATTS	MODEL M	30		
STEAM OUTLET VALVES	1	2"	GRINNELL	GATE			150
BLOW-OFF VALVES	1	1 1/2"	GRINNELL	GATE			150
FEEDWATER VALVES	1	3/4"	GRINNELL	GATE			125
WATER COLUMN	N/A						
FEEDWATER REGULATOR	1	3/4"	WATTS MOOR 335-1		12	10-25	
WATER GAGES	N/A						
STEAM GAGES	1	3"	U S GAGE	ALTITUDE		0-50 PSF 60-260 °F	
SOOT BLOWERS	N/A						
FUSIBLE PLUGS	N/A						

SAFETY VALVE - MFG WATTS SIZE 1 1/4" CAP. 2,165,000 BTU/HR.

PRIMARY CONTROL - HONEYWELL R 4795 D

BURNER TIP SIZE - 3.5 GPH MONARCH F 80 BPS 80°

NAT'L BD. # 15659

MFGRS. SERIAL NO. 15659	MFGRS. MODEL NO. 4 FW - 127 - SPL.LB	MANUFACTURER BURNHAM	DATE OF SHEET 10 SEP 85
TYPE OF SUPERHEATER None	FURNACE VOLUME _____ CU. FT. HEATING SURFACE (SQ. FT.) _____	OPERATION <input checked="" type="checkbox"/> AUTOMATIC <input type="checkbox"/> SEMI-AUTOMATIC <input type="checkbox"/> MANUAL	USE <input type="checkbox"/> EXPORT <input type="checkbox"/> ELEC. POWER GENERATION <input type="checkbox"/> LAID UP - WET <input type="checkbox"/> LAID UP - DRY <input checked="" type="checkbox"/> Heating
TEMPERATURE AT SUPERHEATER OUTLET N/A °F	BOILER 120 WATER WALL _____ ECONOMIZER _____ SUPERHEATER _____	PRESSURE (psig) 30 DESIGN _____ MAWP 15 INSTALLED WP	DATE BUILT 1984
NORMAL FEEDWATER TEMPERATURE N/A °F	DRUMS NO. _____ DIAMETER _____ IN. LENGTH _____ FT. _____ IN. <input type="checkbox"/> RIVETED <input type="checkbox"/> FORGE WELDED <input type="checkbox"/> FUSION WELDED	AIR HEATER <input type="checkbox"/> NONE <input type="checkbox"/> TUBULAR <input type="checkbox"/> REGENERATIVE <input type="checkbox"/> STEAM N/A	DATE INSTALLED 4 Sep 85
(See Reverse Side for Fittings)		CAPACITY 21.2 HP _____ LB./HR _____ EDR 885.5 M BTU/HR.	BOILER TYPE <input type="checkbox"/> C.I. <input type="checkbox"/> WATER TUBE <input checked="" type="checkbox"/> FIRE TUBE DRAFT <input type="checkbox"/> NATURAL <input checked="" type="checkbox"/> FORCED <input type="checkbox"/> INDUCED
			PRODUCES <input type="checkbox"/> STEAM <input checked="" type="checkbox"/> LOW TEMP. WATER <input type="checkbox"/> HIGH TEMP. WATER CIRCULATION <input type="checkbox"/> NATURAL <input type="checkbox"/> FORCED

FUEL	FUEL & FIRING EQUIPMENT IN SERVICE		ALTERNATE FUEL & FIRING EQUIPMENT	
	COAL <input type="checkbox"/> ANTHRACITE <input type="checkbox"/> BITUMINOUS GAS <input type="checkbox"/> NATURAL <input type="checkbox"/> MANUFACTURED	OIL <input checked="" type="checkbox"/> COMMERCIAL 1, 2, 4, 5, 6 <input type="checkbox"/> NAVY <input type="checkbox"/> OTHER _____	COAL <input type="checkbox"/> ANTHRACITE <input type="checkbox"/> BITUMINOUS GAS <input type="checkbox"/> NATURAL <input type="checkbox"/> MANUFACTURED	OIL <input type="checkbox"/> COMMERCIAL 1, 2, 4, 5, 6 <input type="checkbox"/> NAVY SPECIAL <input type="checkbox"/> OTHER _____

FIRING EQUIPMENT	<input type="checkbox"/> COAL - HAND FIRED <input type="checkbox"/> COAL - STOKER <input type="checkbox"/> UNDERFEED - MULTIPLE RETORT <input type="checkbox"/> UNDERFEED - SINGLE RETORT <input type="checkbox"/> SPREADER - DUMP GRATE <input type="checkbox"/> SPREADER - VIBRATING GRATE <input type="checkbox"/> SPREADER - TRAVELING GRATE <input type="checkbox"/> CHAIN GRATE GAS <input type="checkbox"/> GAS RING <input type="checkbox"/> VENTURI TYPE	<input type="checkbox"/> COAL - PULVERIZER <input type="checkbox"/> ATTRITION <input type="checkbox"/> BALL & RACE <input type="checkbox"/> BOWL MILL <input type="checkbox"/> TUBULAR OIL BURNERS <input checked="" type="checkbox"/> MECHANICAL <input type="checkbox"/> STEAM ATOMIZED <input type="checkbox"/> AIR ATOMIZED <input type="checkbox"/> ROTARY CUP	<input type="checkbox"/> COL - HAND FIRED <input type="checkbox"/> COAL - STOKER <input type="checkbox"/> UNDERFEED - MULTIPLE RETORT <input type="checkbox"/> UNDERFEED - SINGLE RETORT <input type="checkbox"/> SPREADER - DUMP GRATE <input type="checkbox"/> SPREADER - VIBRATING GRATE <input type="checkbox"/> SPREADER - TRAVELING GRATE <input type="checkbox"/> CHAIN GRATE GAS <input type="checkbox"/> GAS RING <input type="checkbox"/> VENTURI TYPE	<input type="checkbox"/> COAL - PULVERIZER <input type="checkbox"/> ATTRITION <input type="checkbox"/> BALL & RACE <input type="checkbox"/> BOWL MILL <input type="checkbox"/> TUBULAR OIL BURNERS <input type="checkbox"/> MECHANICAL <input type="checkbox"/> STEAM ATOMIZED <input type="checkbox"/> AIR ATOMIZED <input type="checkbox"/> ROTARY CUP
	FIRING EQUIPMENT MANUFACTURER			

PROPERTY NO. 6	BUILDING OR LOCATION AS-702	ACTIVITY BOILER	MCAS, NEW RIVER
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DATA RECORD SHEET - BOILERS
 NAVFAC B-111C - 12-69, Supersede NAVFORMS 1569
 S/N 3005-001-1011

FITTING	NUMBER	SIZE	MANUFACTURER	TYPE	SETTING	RANGE	PRESSURE CLASS
SAFETY VALVES	1	1½"	WATTS	MODEL M	30		
STEAM OUTLET VALVES	1	2"	GRINNELL	GATE			150
BLOW-OFF VALVES	1	1½"	GRINNELL	GATE			150
FEEDWATER VALVES	1	¾"	GRINNELL	GATE			125
WATER COLUMN	N/A						
FEEDWATER REGULATOR	1	¾"	WATTS MOOR 335-1		12	10-25	
WATER GAGES	N/A						
STEAM GAGES	1	3"	U.S. GAGE	ALTITUDE		0-50 PSI 60-260° F	
SOOT BLOWERS	N/A						
FUSIBLE PLUGS	N/A						

SAFETY VALVE - MFC WATTS SIZE 1 ½" CAP. 2,105,000 BTU/HR

PRIMARY CONTROL - HONEYWELL R4795D

BURNER TIP SIZE - 3.5 GPH MONARCH F 80 BPS 80°

NAT'L. BD. # 15659

DATE OF INSPECTION
31 AUG. 1984

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

1. FROM
**BASE MAINT. OFFICER
 CAMP LEJEUNE, NC**

2. TO
**NAVFACENGCOM
 NORFOLK, VA**

14. CERTIFICATE ISSUED YES NO
 EXPIRES 31 AUG-1985

15. BOILER INSPECTOR
Thomas L. Lonnie
 NAVY OR NATIONAL BOARD NO.
NAVFAC 239

16. REASON FOR NOT ISSUING CERTIFICATE

BOILER DATA

3. MANUFACTURER
KEWANEE

4. PROPERTY NO. 6	5. MFG. SERIAL NO. 3-R-11	6. MFG. MODEL NO. 1-X
7. BUILDING NO. AS-702	8. YEAR BUILT 1953	9. CAPACITY 1,030,000 BTU/Hr
10. FUEL (Check)		11. PRESSURE
<input type="checkbox"/> COAL	<input checked="" type="checkbox"/> OIL	<input type="checkbox"/> GAS
DESIGNED 30 psi		OPERATING 12 psi
TEST _____ psi		
12. FEED WATER TREATMENT		13. TYPE
<input type="checkbox"/> SATISFACTORY	<input type="checkbox"/> UNSATISFACTORY	<input type="checkbox"/> WATER TUBE
		<input type="checkbox"/> FIRE TUBE
		<input type="checkbox"/> C. I.

17. BOILER USE
HEATING

18. COMBUSTION CONTROL (Mfg. Name)
HONEYWELL

19. COMBUSTION
10% % CO₂ _____ % EXCESS O₂

20. FLUE GAS TEMPERATURE
 AFTER BOILER **300** °F ; AFTER HEAT TRAP _____ °F

SAFETY DEVICES
 SAFETY VALVES

21. MANUFACTURER WATTS	22. NUMBER AND SIZE 1-2"	23. PSI SETTING 30	24. CONDITION GOOD
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STEAM PRESSURE GAUGE

25. MANUFACTURER
MARSHALLTOWN

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

27. REASON IF NOT TESTED

FIRING EQUIPMENT

ITEM	IN SERVICE	ALTERNATE
28. MANUFACTURER	DUNHAM BUSH-IRON FIREMAN	
29. TYPE	NOZZLE SPRAY	
30. FUEL GRADE	#2	

31. INSPECTOR'S COMMENTS
**1. INSTALL EXCESS WATER TEMPERATURE C/O CONTROL
 2. REPACK VALVES. 3. Boiler FOUNDATION AS BEFORE.**

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

33. SIGNATURE
J. L. Seller
 BY DIRECTION

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

