

DATE OF INSPECTION
 4 MAR. 9 APR. 1987

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
 NAVFACENGC
 NORFOLK, VA

14. CERTIFICATE ISSUED YES NO
 EXPIRE 9 APR. 1989

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

BOILER DATA

3. MANUFACTURER
 PATTON'S (BUCKEYE BOILER CO.)

4. PROPERTY NO. PV-243	5. MFG. SERIAL NO. 364648	6. MFG. MODEL NO. NB. 627812
7. BUILDING NO. FC-40	8. YEAR BUILT 1985	9. CAPACITY 11 cu. FT. VOL.

10. FUEL (Check)
 COAL OIL GAS

11. PRESSURE
 DESIGNED 200 psi OPERATING 100 psi TEST 125 AIR psi

12. FEED WATER TREATMENT
 SATISFACTORY UNSATISFACTORY

13. TYPE
 WATER TUBE FIRE TUBE C. I.

16. REASON FOR NOT ISSUING CERTIFICATE
 NUREC 239

NAVFAC COPY

17. BOILER USE
 AIR RECEIVER

19. COMBUSTION
 % CO₂ _____ % EXCESS O₂ _____

18. COMBUSTION CONTROL (Mfg. Name)

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

SAFETY DEVICES
 SAFETY VALVES

21. MANUFACTURER ASME	22. NUMBER AND SIZE 1-1/4"	23. PSI SETTING 125	24. CONDITION SAT.
--------------------------	-------------------------------	------------------------	-----------------------

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
28. MANUFACTURER		
29. TYPE		
30. FUEL GRADE		

31. INSPECTOR'S COMMENTS
 START & MAINTAIN P.M. LOG
 NEW UNIT INSTALLED UNDER CONTRACT # 81-1639

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

33. SIGNATURE
 Timothy Jewell
 4/14/87 BY DIRECTION

MFGRS. SERIAL NO. 0 304648	MFGRS. MODEL NO. 0 325100	MANUFACTURER 0 PATTON'S (BUCKEYE BOILER CO.)	DATE OF SHEET 0 4/10/87
TYPE OF SUPERHEATER	FURNACE VOLUME 11 CU. FT.	OPERATION <input 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
HEATING SURFACE (SQ. FT.)	BOILER _____	PRESSURE (psig) 13	DATE BUILT 10 1985
TEMPERATURE AT SUPERHEATER OUTLET _____ °F	WATER WALL _____	DESIGN _____	DATE INSTALLED 17 1986
NORMAL FEEDWATER TEMPERATURE _____ °F	ECONOMIZER _____	MAWP _____	BOILER TYPE
(See Reverse Side for Fittings)	SUPERHEATER _____	INSTALLED WP _____	<input type="checkbox"/> C.I. <input type="checkbox"/> WATER TUBE <input type="checkbox"/> FIRE TUBE
	DRUMS	AIR HEATER	DRAFT <input type="checkbox"/> NATURAL <input type="checkbox"/> FORCED <input type="checkbox"/> INDUCED
	NO. _____	<input type="checkbox"/> NONE <input type="checkbox"/> TUBULAR <input type="checkbox"/> REGENERATIVE <input type="checkbox"/> STEAM	PRODUCES <input type="checkbox"/> STEAM <input type="checkbox"/> LOW TEMP. WATER <input type="checkbox"/> HIGH TEMP. WATER
	DIAMETER _____ IN.		CIRCULATION <input type="checkbox"/> NATURAL <input type="checkbox"/> FORCED
	LENGTH _____ FT. _____ IN.		
	<input type="checkbox"/> RIVETED <input type="checkbox"/> FORGE WELDED <input type="checkbox"/> FUSION WELDED		

	FUEL & FIRING EQUIPMENT IN SERVICE	ALTERNATE FUEL & FIRING EQUIPMENT
FUEL	COAL <input type="checkbox"/> ANTHRACITE <input type="checkbox"/> BITUMINOUS OIL <input type="checkbox"/> COMMERCIAL 1, 2, 4, 5, 6 <input type="checkbox"/> NAVY <input type="checkbox"/> OTHER _____ GAS <input type="checkbox"/> NATURAL <input type="checkbox"/> MANUFACTURED	COAL <input type="checkbox"/> ANTHRACITE <input type="checkbox"/> BITUMINOUS OIL <input type="checkbox"/> COMMERCIAL 1, 2, 4, 5, 6 <input type="checkbox"/> NAVY SPECIAL <input type="checkbox"/> OTHER _____ GAS <input type="checkbox"/> NATURAL <input type="checkbox"/> MANUFACTURED
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 <input type="checkbox"/> 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	<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 <input type="checkbox"/> 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. 27 PV-243	BUILDING OR LOCATION 25 FC-40	ACTIVITY 26 BOILER MCBCL N.C.
----------------------------------	---	---

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
27 SAFETY VALVES	1	1/4"	A.S.M.E.		125		
STEAM OUTLET VALVES							
BLOW-OFF VALVES							
FEEDWATER VALVES							
WATER COLUMN							
FEEDWATER REGULATOR							
WATER GAGES							
34 STEAM GAGES	1	4"	ASHCROFT			0-300	
SOOT BLOWERS							
37 FUSIBLE PLUGS							

