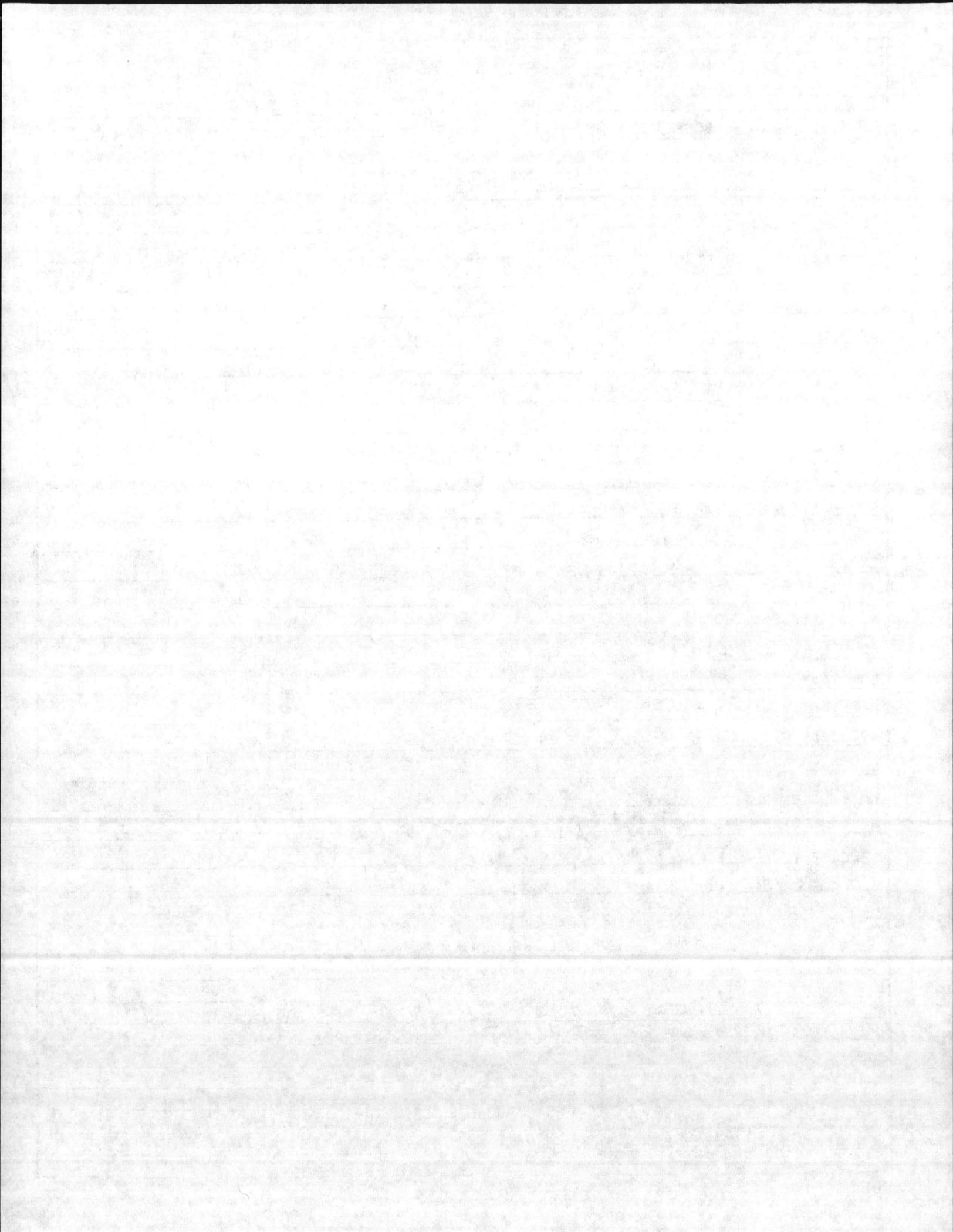


BOILER INSPECTION CHECK LIST

LOCATION		BLDG NO.	BOILER NO.	DATE
		77-35	29	5 4 AUG-89
BOILER MFG. <u>PEERLESS</u>		OPERATING PRESS. <u>15</u>	DESIGN PRESS. <u>30</u>	CAP.
SERIAL NO.		MODEL NO.	N.B. NO.	
BURNER MFG.		FIRING RATE:		
STEAM CAGE NAME:		PRESS.	TEST	
SV MFG	CAP	NO.	SIZE	
NO. 1	SET <u>30</u>	OPEN <u>32</u>	CLOSE <u>OK</u>	
NO. 2	SET	OPEN	CLOSE	
NO. 3	SET	OPEN	CLOSE	
CO2% <u>12.5</u>	O2% <u>6.0</u>	STACK TEMP <u>350-450</u>	COMB. EFF. <u>83</u>	PURGE TIME
NO. 1 FIREYE	C/O <u>OK (4 SEC)</u>	A/L <u>L/O</u>	A/L	
NO. 2 FIREYE	C/O		A/L	
HI-STEAM TEMP. C/O <u>OK @ 180 °F</u>		A/L		
EXCESS STEAM TEMP. C/O <u>OK @ 200 °F MANUAL RESET</u>		A/L		
HI OIL TEMP. C/O		A/L		
HI OIL PRESS. C/O		A/L		
LO OIL TEMP. C/O		A/L		
LO OIL PRESS. C/O <u>OK A/L L/O</u>		A/L		
LO ATOM AIR/STEAM C/O		A/L		
NO. 1 LW C/O	<u>OK MANUAL RESET - LIGHT</u>	A/L		
NO. 2 LW C/O		A/L		
LO ^{COMBUSTION AIR} PRESSURE DEPT C/O	<u>OK A/L L/O - FIRM FAILURE</u>	A/L		
LO FIRE START C/O	<u>(REMOVED WIRE E-1) OK</u>	A/L		
TYPE OF FUEL # <u>2</u>	<u>YEAR BUILT</u>	A/L		
HEAT SURFACE <u>Boiler</u>		WATER WALL		
REMARKS:				
<u>PURGE AIR-FLOW - (REMOVED WIRE E-3) OK</u>				
<u>LO-PILOT GAS - OK WITH O/H METER</u>				
<u>TESTED BURNER ON L.P. GAS (RUDS FLITE OFF GOOD)</u>				
<u>L. NOISY OIL PUMP ON START UP.</u>				



DATE OF INSPECTION
 3-4 OCT 1984

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 3 OCT. 1985

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

BOILER DATA

3. MANUFACTURER
 PEERLESS

4. PROPERTY NO 29	5. MFG. SERIAL NO 7FDA-3603	6. MFG. MODEL NO. 0-708FDA-W
7. BUILDING NO TT-35	8. YEAR BUILT 1984	9. CAPACITY 840,000 BTU/HR

10. FUEL (Check)
 COAL OIL GAS

11. PRESSURE
 DESIGNED 30 psi OPERATING 12 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 DIGESTER COILS

19. COMBUSTION
 11.2 % CO₂ % EXCESS O₂

18. COMBUSTION CONTROL (Mfg. Name)
 HONEYWELL

20. FLUE GAS TEMPERATURE
 AFTER BOILER 390 °F : AFTER HEAT TRAP °F

SAFETY DEVICES
 SAFETY VALVES

21. MANUFACTURER WHITTS	22. NUMBER AND SIZE 1-1"	23. PSI SETTING 30	24. CONDITION NEW
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STEAM PRESSURE GAUGE

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	POWER FLAME
29. TYPE	NOZZLE SPRAY	GAS RING
30. FUEL GRADE	#2	LP GAS

31. INSPECTOR'S COMMENTS
 INSTALLED NEW BOILER AT TT-35 SEWAGE PLANT,

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

33. SIGNATURE
 J. L. Seller

BY DIRECTION

MFGRS. SERIAL NO.

7 FDA-3603

MFGRS. MODEL NO.

0-708 FDA-W

MANUFACTURER

PEERLESS

DATE OF SHEET

16 OCT. 1984

TYPE OF SUPERHEATER

NONE

FURNACE VOLUME

CU. FT.

OPERATION

- AUTOMATIC
- SEMI-AUTOMATIC
- MANUAL

USE

- EXPORT
- ELEC. POWER GENERATION
- LAID UP - WET
- LAID UP - DRY

DATE BUILT

1984

TEMPERATURE AT SUPERHEATER OUTLET

N/A

HEATING SURFACE (SQ. FT.)

BOILER _____

WATER WALL _____

ECONOMIZER _____

SUPERHEATER _____

PRESSURE (psig)

DESIGN _____

MAWP _____

INSTALLED WP _____

CAPACITY

_____ HP

_____ LB./HR

_____ EDR

840,000 BTU/HR.

DATE INSTALLED

3 OCT. 1984

NORMAL FEEDWATER TEMPERATURE

N/A

DRUMS

NO. _____

DIAMETER _____ IN.

LENGTH _____ FT. _____ IN.

- RIVETED
- FORGE WELDED
- FUSION WELDED

AIR HEATER

- NONE
- TUBULAR
- REGENERATIVE
- STEAM

BOILER TYPE

- C. I.
- WATER TUBE
- FIRE TUBE

DRAFT

- NATURAL
- FORCED
- INDUCED

PRODUCES

- STEAM
- LOW TEMP. WATER
- HIGH TEMP. WATER

CIRCULATION

- NATURAL
- FORCED

FUEL & FIRING EQUIPMENT IN SERVICE

FUEL

COAL

- ANTHRACITE
- BITUMINOUS

OIL

- COMMERCIAL 1, 2, 4, 5, 6
- NAVY
- OTHER _____

GAS

- NATURAL
- MANUFACTURED

ALTERNATE FUEL & FIRING EQUIPMENT

COAL

- ANTHRACITE
- BITUMINOUS

OIL

- COMMERCIAL 1, 2, 4, 5, 6
- NAVY SPECIAL
- OTHER _____

GAS

- NATURAL
- MANUFACTURED

FIRING EQUIPMENT

COAL - HAND FIRED

COAL - STOKER

- UNDERFEED - MULTIPLE RETORT
- UNDERFEED - SINGLE RETORT
- SPREADER - DUMP GRATE
- SPREADER - VIBRATING GRATE
- SPREADER - TRAVELING GRATE
- CHAIN GRATE

GAS

- GAS RING
- VENTURI TYPE

COAL - PULVERIZER

- ATTRITION
- BALL & RACE
- BOWL MILL
- TUBULAR

OIL BURNERS

- MECHANICAL
- STEAM ATOMIZED
- AIR ATOMIZED
- ROTARY CUP

COAL - HAND FIRED

COAL - STOKER

- UNDERFEED - MULTIPLE RETORT
- UNDERFEED - SINGLE RETORT
- SPREADER - DUMP GRATE
- SPREADER - VIBRATING GRATE
- SPREADER - TRAVELING GRATE
- CHAIN GRATE

GAS

- GAS RING
- VENTURI TYPE

COAL - PULVERIZER

- ATTRITION
- BALL & RACE
- BOWL MILL
- TUBULAR

OIL BURNERS

- MECHANICAL
- STEAM ATOMIZED
- AIR ATOMIZED
- ROTARY CUP

FIRING EQUIPMENT MANUFACTURER

POWER FLAME

MODEL NO. C2-60-15

SER# 18436564

DATA RECORD SHEET - BOILERS
NAVJAC 9-11014/40 (9-69) Supersedes NAVDOCKS 2509
S/N 0105-003-70 10

PROPERTY NO.

29

BUILDING OR LOCATION

TT-35

BOILER 29

ACTIVITY

MCBCL

FITTING	NUMBER	SIZE	MANUFACTURER	TYPE	SETTING	RANGE	PRESSURE CLASS
SAFETY VALVES	1	1"	WATTS	M	30		
STEAM OUTLET VALVES	2	2"	HAMMOND				300 WOG
BLOW-OFF VALVES	N/A						
FEEDWATER VALVES	1	3/4"	AMERICAN	GATE			125 WOG
WATER COLUMN	N/A						
FEEDWATER REGULATOR	1	3/4"	WATTS	335-1	12	10-25	
WATER GAGES	1		U.S. GAGE (ALTITUDE)				
STEAM GAGES	N/A						
SOOT BLOWERS	N/A						
FUSIBLE PLUGS	N/A						

LWCO - McDONNELL MILLER NO. 2M SIZE 1"