Superseas NAV	REPORT-BOILERS			÷.	DATE OF INSPE	CTION
S/N 0105-LF-004-0000			TYPE OF INS		3 NOU.	22 1000. 1982
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I. FROM	ASE MAINT. OFFICE		EXT	ERNAL B	WITH PRESSUR	E TEST C OPERA-
0	AND I FINITE OFFICE	:R		different sector	14.	
2. 10	AMP LEJEUNE, N.	<u>C</u>	Server 199		EXPINIT	E ISSUED YES N
Fl	AVFACENGCOM			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	EXPIRES 2 15. BOILER INSPEC	2 NAU. 1983
i`i	NORFOLK, VA				1.	
and the second s	The second s			and the second	Thomas	L'Lania
3. MANUFACTURE	BOILE	R DATA				NATIONAL BOARD NO.
VEIL	14155 - 1				NAVFA	C 239
A EWA	NEE BOILER S. MFG. SERIAL NO.	R CORF	2		NON POR N	UT ISSUING CERTIFICATE
30	637171		O. MODEL NO.	and the second		
3.0 7. BUILDING NO.	8. YEAR BUILT	p	1-45 K	- X		
IT-44	1982	Number of the second				
10. FUEL (Check)	11. PRE	SSURE 2	50,000	1314/HK		
	DESIGN	or chai	TING TES	т		
2. FEED WATER TR	OIL GAS 30	psi 12	pei	45 pai		
		13. TYPE		pai		
SATISFAC	TORY UNSATISFACTOR	RY WATER TUBE	TUBE			
		1				
HEATIN COMBUSTION	The second second	20	HOINE YU	JELL		
12 2		and the second				
12.7	* CO ₂ *	EXCESS O2 AF	FTER BOILER	250	-F : AFTER HE	AT TRAP
		SAF	ETY DEVICES			
MANUFACTURER			ETY VALVES		1.21.5	
WATTS	-		22. NUM	BER AND SIZE	23. PSI SETTING	24. CONDITION
Lail III-	, 		1-	3/4	30	NEW
MANUFACTURER		STEAM P	RESSURE G			1000
HRSHAL	L TOWNE		WATER			
REASON IF NOT	TESTED			LEG CONSTAN	Грві; (DTHERpsi
				Sector States		and the second
		FIRING	EQUIPMENT			
ITEM	IN	SERVICE	dente i con est		ALTERNAT	E
MANUFACTURER	PERRANGE		Sector Sector			
1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	PEABODY GO	TUON - PI	INTT	1. 1 A A A A A A A.	Bearles des labertaries Generalis	
TYPE	NOZZLE SPA	PAV				
					the second second	
FUEL GRADE	#2					
NSPECTOR'S COM	VENTS					
NEW NOI	IER INSTALLED	UNDER CO	ONTRACT	I N 62	470-82-6-	4571
WILL KETH	AIN SAME PROPER	RTY AS OF	(D Boile	E # 30		
	and the second se					
TTACHMENT(S) (C			IGNATURE			
COPY OF INS	PECTOR'S REPORT	SPECIAL COMMENTS		GNBY D	Ilan	
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		all and the second second			8	DIRECTION

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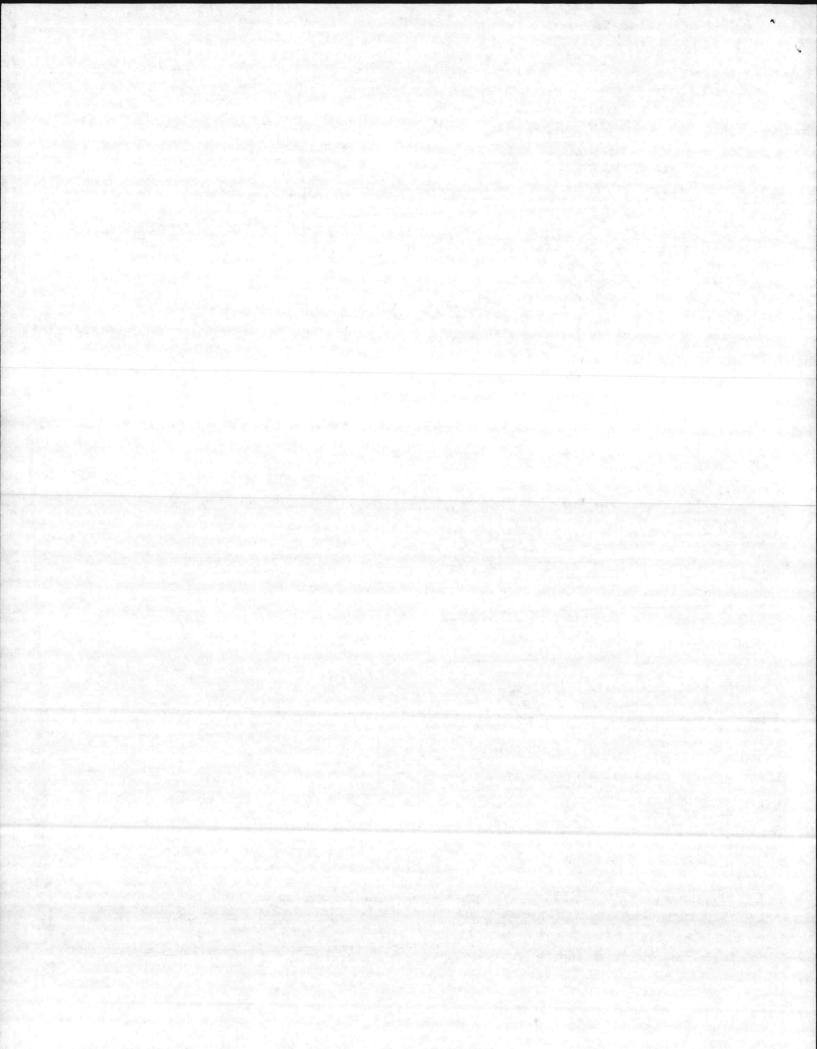
* U. S. GOVERNMENT PRINTING OFFICE: 1978-604-467

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		MANUFACTURER			DATE OF SHEET	·
111-	45 KX	KENIN	EE Ball	CARD		10 0.0
FURNACE	VOLUME	OPERATION	· ··· ··· ····························	USE	DATE BUILT	1380
OUTLET BOILER	SURFACE (SQ. FT.)	AUTOMATIC SEMI-AUTOMA MANUAL	ATIC	EXPORT ELEC. POWER GENERATION LAID UP - WET LAID UP - DRY	DATE INSTALLED BOILER TYPE	DRAFT
ECONOMI	ZER	the second s		X HEATHNE		
OF DRUMS		10	MAWP	CAPACITY	C.I. WATER TUBE	
	FT FT FETED GE WELDED	IN. AIR HEATER	-	HP LBHR EDR 450,000 BTU/HR.	PRODUCES STEAM	
		EQUIPMENT IN SERVICE		and the second	FIRING EQUIPMENT	
ANTHRACITE BITUMINOUS		the state of the state		ANTHRACITE COM	SPECIAL	
GAS	,		GAS	NATURAL MANUFACTURED		
COAL - STOKER UNDERFEED - UNDERFEED -	MULTIPLE RETORT SINGLE RETORT	COAL - PULYERIZER ATTRITION BALL & RACE BOWL MILL TUBULAR			BALL & RA	I NCE
				SPREADER - VIBRATING GRATE SPREADER - TRAVELING GRATE CHAIN GRATE GAS RING	STEAM ATC	MIZED
VENTURI TYPE		ROTARY CUP		VENTURI TYPE	ROTARY CL	P
	COAL - HAND FI GAS NATURAL MATURAL MATURAL MANUFACTURED GAS SPREADER S	FURNACE VOLUME	CU. FT HEATING SURFACE (SQ. FT.) BOULER BOULER <t< td=""><td>CU.FT HEATING SURFACE (SQ.FT.) BOILER BOILER WATER WALL CONNIZER SUPERHEATER OF DRUMS NO. DIAMETER INRE OF DRUMS NO. DIAMETER INRE OF DRUMS NO. DIAMETER INN. INNONE TUBULAR RIVETED FORGE WELDED FUEL & FIRING EQUIPMENT IN SERVICE COAL OIL ANTHRACITE BITUMINOUS DIAMETED COAL - AND FIRED COAL - AND FIRED COAL - AND FIRED COAL - AND FIRED COAL - STOKER UNDERFEED - MULTIPLE RETORT BALL & RACE BOWL MILL UNDERFEED - SINGLE RETORT SPREADER - UNB GRATE SPREADER - VIDRATING GRATE SPREADER - VIDRATING GRATE GAS <td>FURNACE VOLUME OPERATION USE COL. FT HEATING SURFACE (SQ. FT.) AUTOMATIC BOILER COL SEMI-AUTOMATIC WATER WALL PRESSURE (psig) SUPERHEATER SUPERHEATER OF DRUMS, NO. SUPERHEATER DIAMETER IN. REE OPESIGN MARP AIR HEATER Insert IN. PRESSURE (psig) SO SUPERHEATER IN. DIAMETER IN. RECONONIZER SO SUPERHEATER IN. DIAMETER IN. RECONSTRATIVE PRESSURE (psig) SO MARP CAPACITY CAPACITY NO. IN. RIVETED NONE FUEL & FIRING EQUIPMENT IN SERVICE ALTERNATE FUEL & COAL OIL OAL OIL OAL OIL OAL OAL OAL SEMINONS OAL ALTERNATE FUEL & COAL MUNUFACTURED OAL ALTERNATE FUEL & COAL MUNUFACTURED OAL SEMINONS OAL STRIAD <td< td=""><td>CUL FT AUTOMATIC BOILER CUL FT CONTONIZER CUL FT CONTONIZER CONTONIZER DIAGTER FT DIAGTER FT Inner FT</td></td<></td></td></t<>	CU.FT HEATING SURFACE (SQ.FT.) BOILER BOILER WATER WALL CONNIZER SUPERHEATER OF DRUMS NO. DIAMETER INRE OF DRUMS NO. DIAMETER INRE OF DRUMS NO. DIAMETER INN. INNONE TUBULAR RIVETED FORGE WELDED FUEL & FIRING EQUIPMENT IN SERVICE COAL OIL ANTHRACITE BITUMINOUS DIAMETED COAL - AND FIRED COAL - AND FIRED COAL - AND FIRED COAL - AND FIRED COAL - STOKER UNDERFEED - MULTIPLE RETORT BALL & RACE BOWL MILL UNDERFEED - SINGLE RETORT SPREADER - UNB GRATE SPREADER - VIDRATING GRATE SPREADER - VIDRATING GRATE GAS <td>FURNACE VOLUME OPERATION USE COL. FT HEATING SURFACE (SQ. FT.) AUTOMATIC BOILER COL SEMI-AUTOMATIC WATER WALL PRESSURE (psig) SUPERHEATER SUPERHEATER OF DRUMS, NO. SUPERHEATER DIAMETER IN. REE OPESIGN MARP AIR HEATER Insert IN. PRESSURE (psig) SO SUPERHEATER IN. DIAMETER IN. RECONONIZER SO SUPERHEATER IN. DIAMETER IN. RECONSTRATIVE PRESSURE (psig) SO MARP CAPACITY CAPACITY NO. IN. RIVETED NONE FUEL & FIRING EQUIPMENT IN SERVICE ALTERNATE FUEL & COAL OIL OAL OIL OAL OIL OAL OAL OAL SEMINONS OAL ALTERNATE FUEL & COAL MUNUFACTURED OAL ALTERNATE FUEL & COAL MUNUFACTURED OAL SEMINONS OAL STRIAD <td< td=""><td>CUL FT AUTOMATIC BOILER CUL FT CONTONIZER CUL FT CONTONIZER CONTONIZER DIAGTER FT DIAGTER FT Inner FT</td></td<></td>	FURNACE VOLUME OPERATION USE COL. FT HEATING SURFACE (SQ. FT.) AUTOMATIC BOILER COL SEMI-AUTOMATIC WATER WALL PRESSURE (psig) SUPERHEATER SUPERHEATER OF DRUMS, NO. SUPERHEATER DIAMETER IN. REE OPESIGN MARP AIR HEATER Insert IN. PRESSURE (psig) SO SUPERHEATER IN. DIAMETER IN. RECONONIZER SO SUPERHEATER IN. DIAMETER IN. RECONSTRATIVE PRESSURE (psig) SO MARP CAPACITY CAPACITY NO. IN. RIVETED NONE FUEL & FIRING EQUIPMENT IN SERVICE ALTERNATE FUEL & COAL OIL OAL OIL OAL OIL OAL OAL OAL SEMINONS OAL ALTERNATE FUEL & COAL MUNUFACTURED OAL ALTERNATE FUEL & COAL MUNUFACTURED OAL SEMINONS OAL STRIAD <td< td=""><td>CUL FT AUTOMATIC BOILER CUL FT CONTONIZER CUL FT CONTONIZER CONTONIZER DIAGTER FT DIAGTER FT Inner FT</td></td<>	CUL FT AUTOMATIC BOILER CUL FT CONTONIZER CUL FT CONTONIZER CONTONIZER DIAGTER FT DIAGTER FT Inner FT

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DATA RECORD SHEET - BOILERS NAVFAC 9-11014/40 (9-69) Supersedes NAVDOCKS 2509

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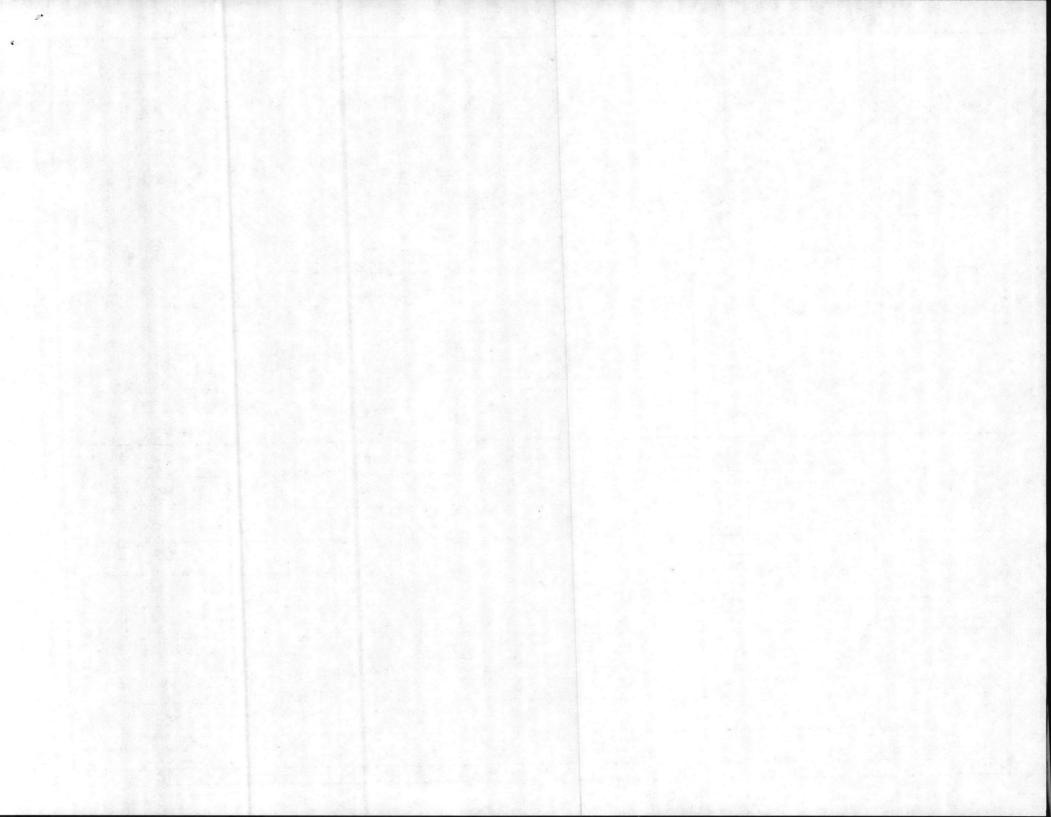


FITTING	NUMBER	SIZE	MANUFACTURER	TYPE	SETTING	RANGE	
SAFETY VALVES	1	3/4	NHTTS		30	RANGE	PRESSURE CLASS
STEAM OUTLET VALVES	1.4						
BLOW-OFF VALVES					- States		
FEEDWATER VALVES							
WATER COLUMN						1.1.1	
FEEDWATER REGULATOR	1	1/2	7.000	334-1	12	30	
WATER GAGES	1		MARSHALL TOWNE	1		60°-260° 0-60	TEAR. WATER.
STEAM GAGES	and a second sec	1. 1. 1. 1. 1.					
SOOT BLOWERS			and the first state of the		The state		
FUSIBLE PLUGS							

L W CO - MC DONNELL NO. 64 B 512E /" SMFETY UNIVE - 1 - 34 WATTS, SET- 30 PEIG - 510,000 BT4/HR # 330

WAYFAC 9-11014/40 (9-69) (BACK)

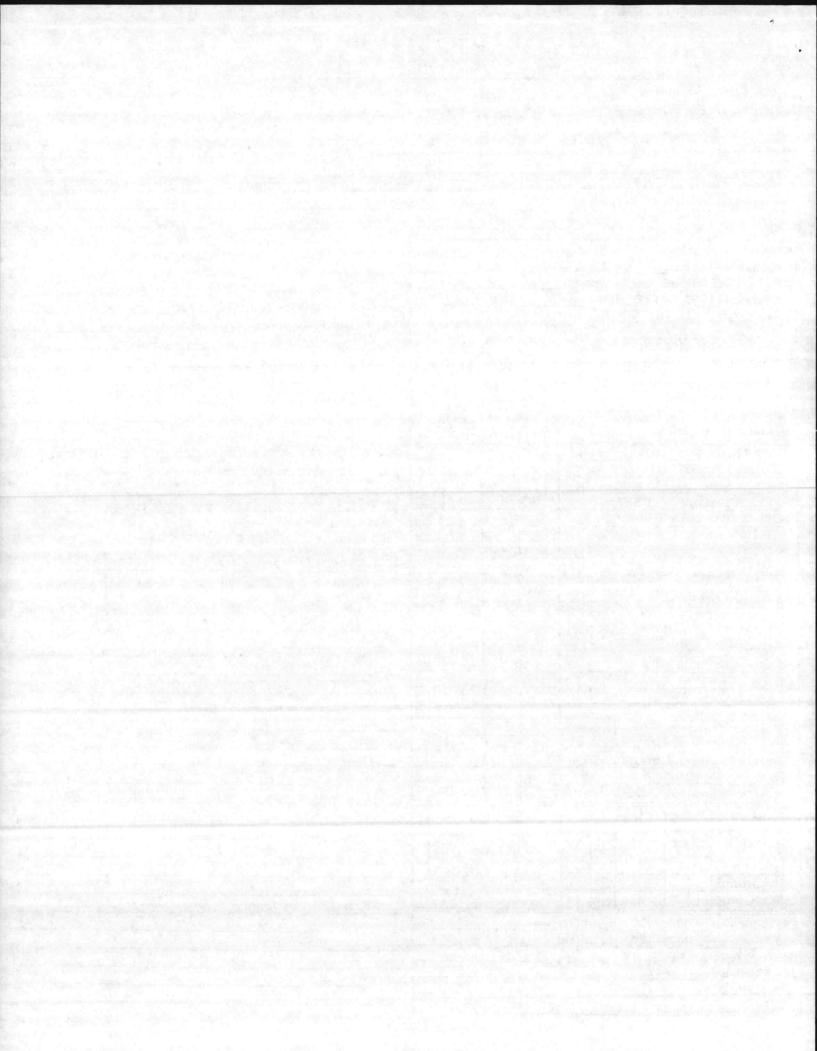
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REQ	UEST FO	DR STA	ART-UP OR SERVICE
Origin of Call: Came is it	1	11. 77	0 10 Date: 11/22/20
Request for Service P. O. #		tob Loc	ation: <u>Terrenne</u> = 11/22/202
BOILER/HEATER Mfr.	a	Model N	0 Type
Bated Input MBH 4	1.00 GPH	# 42	Oil @'' W.C. Overfire
BURNER Model No. R! 4.1.0-			
MI. No			S.O. No 170492
Appointment Date: 11/22/02 V	with Whom	The	S.O. No. 70400 Phone No. 919-455-3555
Copies To: <u>Jon Lanier</u>	vien vinonn	0.00000	
Lob Name:		Invoid	ce To:
Job Name:	5	1110 010	
STACK Height Size			SAFETY CONTROL CHECK
BREECHING SizeLength	1#E	ls	
UNIT OUTLET DAMPER -% Open _ BAROMETRIC DAMPER Size _6	1/ Mfr	Darnet	1. Lo-Water Cut-Off
SEQUENCE DAMPER CONTROL:	WIII _	<u>-: //.t.</u>	2. Second Lo-Water Cut-Off
Mfr Mode	1	nt al constantino Frén de la Straction	3. Limit Control V Setting 190°
COMBUSTION AIR INLET Size	2.2		4. Operating Control Setting 1800
OIL TANK: Above Burner	Belo	w Burner	5. Firing Rate Control Setting
Distance from Tank 40' Ve	ertical Lift		6. Pilot Turn Down Test
Suction Line Size	_ [] Pipe	Tubing	
	GAS	OIL	8. Low Gas Pressure Switch Setting
BURNER READINGS	LO HI	LO HI	
INPUT: MBH/GPH		2.95	
FUEL PRESSURE:		-742# 100%	11. Low Air Atomizing Pressure Switch
Orifices-"WC/Nozzle-PSIG Oil Return/Air-PSIG		2001	Setting
OIL TEMPERATURE-°F:		100	12. Low Oil Temp. Switch Setting
Inlet			TIME INCURRED
Outlet			요즘 요즘 같은 것은 것이 가지 않는 것이 가지 않는 것이 없는 것이 없는 것이 없다.
PUMP DATA:			Hrs on Job + Hrs Trvld X No. Persons = Total Hrs
Vacuum-"Hg	· · · ·	·	
Discharge-PSIG		Boot	
COMBUSTION TESTS:		12.7	INSTRUCTIONS TO SERVICEMAN
$O_2 - \frac{10}{2}$			
CO-%/Smoke No.		2	
DRAFT:		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
Overfire-"WC	·	.14	
Outlet-"WC Temp. ^o F Room <u>45</u> Outlet			
Air Inlet Louver-"Open		1/4	
Primary Air Adjustment Pos.			
Drawer Position,			
Flame Signal-MA/DC			
Motor Data @ Hi-Fire	A Standard Sectors	a free dad	
L1 L2 L3	ALL SA	SETY	
VAVAVA	CONTRO		
Blower /15	BETE		
Oil Pump	a de la companya de l		
Air Comp			
REMARKS			
INST. MANUAL REC'D BY			
STARTUP BY Line Land			
APPROVED BY			
DATE		•	

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FORM 1211B



INSPECTION REPORT-BOILERS NAVFAC 9-11014/41 (3/67) Supersede NAVDOCKS 2544		DATE OF INSPECTION 25 NOV, 1981		
S/N 0105-LF-004-0000	TYPE OF INSPECTION	NR		
	A INTERNAL & B	WITH PRESSURE TEST C TIONA		
I. FROM BASE MAINT. OFFICER		14.		
CAMP LEJEUNE, N. C.		EXPIRES 25 NUL. 1982		
2. TO NAVFACENGCOM	and the second second	15. BOILER INSPECTOR		
NORFOLK, VA.		A J.		
F RUNFULN, VA		Thomas & Lance		
BOILER DATA		NAVY OR NATIONAL BOARD NO.		
3. MANUFACTURER		16. REASON FOR NOT ISSUING CERTIFICATE		
SPENCER				
4. PROPERTY NO. 5. MFG. SERIAL NO.	6. MFG. MODEL NO.	- Andrew Andrew Andrew		
30 5043	C-180			
7. BUILDING NO. B. YEAR BUILT	9. CAPACITY			
TT-44 1950	432,000 BT4/HR	and the second		
10. FUEL (Check) 11. PRESSURE DESIGNED	OPERATING TEST			
	1 11 145			
COAL X OIL GAS 30 PH	TYPE psi ps	<u>1</u>		
SATISFACTORY UNSATISFACTORY				
and the second				
17. BOILER USE	18. COMBUSTION CONTROL (M/g. Name)		
HEATING				
A COMPLETION	20 FULLE CAR TEMPEDITURE			

	LU. FLUE GAS TEMPERATURE			
515 x CO2 X E	XCESS 02 AFTER BOILER 400	F : AFTER HEA	T TRAP	<u>•</u> F
	SAFETY DEVICES			
	SAFETY VALVES			
21. MANUFACTURER WHTTS	22. NUMBER AND SIZE 1-114	23. PSI SETTING	24. CONDITION	
	STEAM PRESSURE GAUGE	- VE WWW. See	Art Root No Subberge St	
25. MANUFACTURER MSME STA	26. CORRECTIONS WATER LEG CONSTAL	NTpsi; C	THER psi	

27. REASON IF NOT TESTED

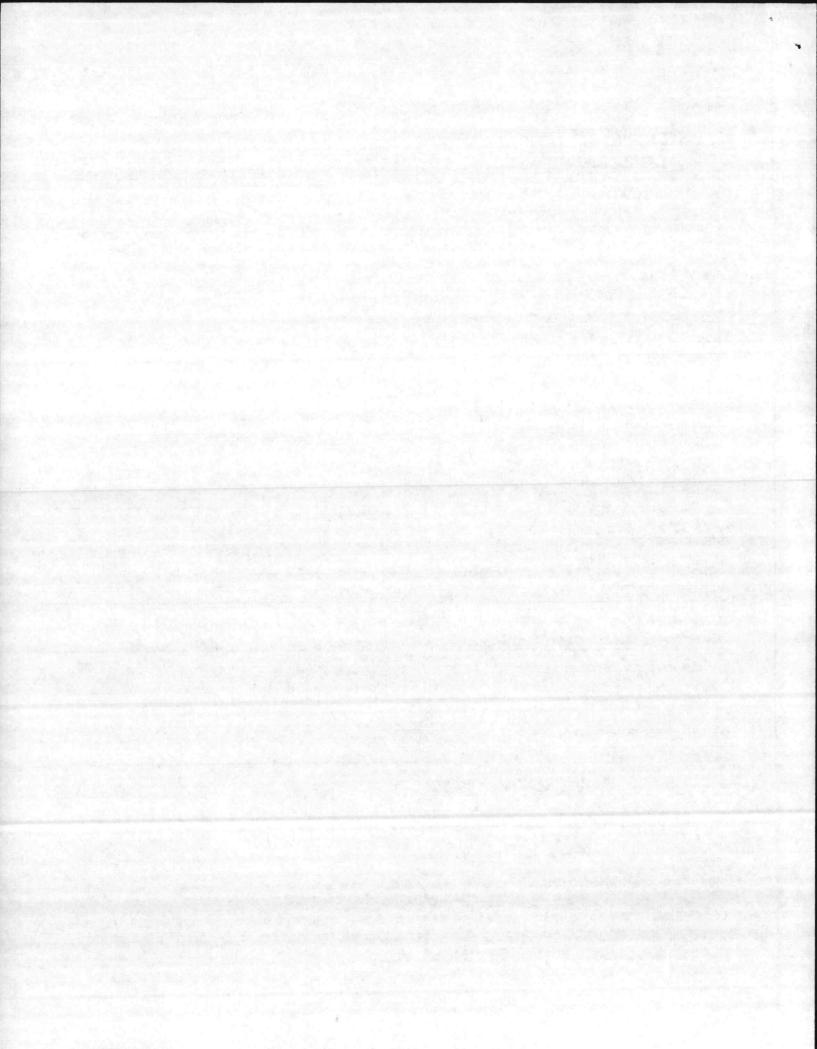
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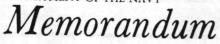
	Fi	RING EQUIPMENT	
ITEM	IN SERVICE		ALTERNATE
8. MANUFACTURER	AMERICAN STD		
9. TYPE	NOZZIE		
O. FUEL GRADE	#2		
D REPAIR D INSTAIN 2. ATTACHMENTISI (Check)	33. SIGNATURE	
	SPECTOR'S REPORT SPECIAL	R.M. Klillon	

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OPNAV 5216/144 (REV. 6-70) 5/N-0107-778-8099 DEPARTMENT OF THE NAVY



MAIN/TH/spk DATE: 11370 DATE: 30 October 1980

FROM Director, Utilities

Director, Operations Division (Attn: F. Cone)

SUBJ Replacement of No. 30 Boiler, Building TT-44

1. The subject boiler is in poor condition, and combustion efficiency is low. The boiler inspector has recommended that the unit be replaced. Accordingly, it is requested that a project be developed to replace the boiler.

7. H.H. T. HATCHER, P.E.

