TASK GROUP INSTRUCTION
AIM REV 20.11.4.0 (OCTOBER 2020)

TGI NO.:	COMPONENT NAME:	TYPE:	PHASE:	REPEAT:	CHANGE:
	1A BLR SAF V & PNL	AY	A	0	0

SHIP/HULL NO.:	SHIP/HULL NAME:	SYSTEM:	PROJ/WO NO:	CASREP CAT:
LCC-19	USS BLUE RIDGE		19P	

CU PHASE TITLE:
*(K2-1) - F/O – REMOVE AND INSTALL 1A BOILER SAFETY VALVES AND PILOT PANELS

PREPARING ACTIVITY:

	CODE	PHONE	DATE
PREPARED BY: KOUHEI SUZUKI	232.	315-243-2490	22-FEB-2025
APPROVED BY: HIDEMI SENDA	232.	315-243-5615	22-FEB-2025
CONCURRED BY:			
CONCURRED BY:			
CONCURRED BY:			
CONCURRED BY:			

REASON FOR WORK/NEED FOR CHANGE:

CHANGE INSTRUCTIONS:

SPECIAL REQUIREMENTS:

CLEANLINESS FOR PIPING SYSTEM/EQUIPMENT LEVEL II

MIC-L-1

WORK CERTIFICATION SIGNATURES

COMPLETION OF WORK REVIEW:	BADGE NO.:	SHOP/CODE:	PHONE:	DATE:

ACCEPTANCE OF COMPLETED WORK

PHYSICAL INSPECTION REQUIRED: ☐YES ☒NO	PHYSICAL INSPECTION COMPLETED:	BADGE NO.:	SHOP/CODE:	PHONE:	DATE:
RECORDS REVIEW:		BADGE NO.:	SHOP/CODE:	PHONE:	DATE:

3819P221 14A14

FOUO: Public availability to be determined under 5 USC 552

LIST OF EFFECTIVE PAGES									
SHT NO.	CHG NO.	SHT NO.	CHG NO.	SHT NO.	CHG NO.	SHT NO.	CHG NO.	SHT NO.	CHG NO.
1-4		QA34A (1)							
J-1									
M 1-5									
Map (1)									

1. **SCOPE/PURPOSE**

1.1 Title: 1A Boiler Safety Valves and Pilot Panels: remove and install

1.2 Location of Work:

1.2.1 Fire Room (8-76-0-E)

1.2.2 Blower Room (5-79-0-E)

1.3 Identification:

1.3.1 Quantity (One EA), 1A Boiler High Drum Safety Valve and Pilot Panel Assembly
Mfr: Greno Industries Inc.
Specification: MIL-V-24740

1.3.1.1 Quantity (One EA), Safety Valve
Specification: MIL-V-24740, Class I, Style 57
Mfr Id: 6350-357
Size: Inlet 2-1/2-Inch IPS, Outlet 3-1/2-Inch IPS
APL: 88A150412
Item No: V-1 of 2.3.

1.3.1.2 Quantity (One EA), Pilot Panel
Model: 8000
APL: 501550030
Item No: PC-1 of 2.3.

1.3.2 Quantity (One EA), 1A Boiler Low Drum Safety Valve and Pilot Panel Assembly
Mfr: Greno Industries Inc.
Specification: MIL-V-24740

1.3.2.1 Quantity (One EA), Safety Valve
Specification: MIL-V-24740, Class I, Style 57
Mfr Id: 6350-357
Size: Inlet 2-1/2-Inch IPS, Outlet 3-1/2-Inch IPS
APL: 88A150412
Item No: V-2 of 2.4.

1.3.2.2 Quantity (One EA), Pilot Panel
Model: 8000
APL: 501550030
Item No: F-100 of 2.4.

1.3.3 Quantity (One EA), 1A Boiler Superheater Safety Valve and Pilot Panel Assembly
Mfr: Greno Industries Inc.
Specification: MIL-V-24740

1.3.3.1 Quantity (One EA), Safety Valve
Specification: MIL-V-24740, Class I, Style 23
Mfr Id: 6350-323
Size: Inlet 2-1/2-Inch IPS, Outlet 3-1/2-Inch IPS
APL: 88A150412
Item No: V-1 of 2.4.

1.3.3.2 Quantity (One EA), Pilot Panel
Model: 8000
APL: 501550030
Item No: F-100 of 2.4.

1.3.3.3 Quantity (8 EA), Safety Valve Inlet Side Stud Bolt (MIC-L-I)
Material: Alloy Steel, Grade B16 or Equal.
Size: 3/4”-10UNC-2A, 5-1/2 Inch LG

1.3.3.4 Quantity (16 EA), Safety Valve Inlet Side Heavy Hex Nut (MIC-L-I)
Material: Alloy Steel, Grade B7 or Equal.
Size: 3/4"-10UNC-2B

1.3.4 Quantity (One EA), Spear Boiler Pilot Panel
Model: 8000
APL: 501550030
Remarks: Located in 1.2.2.

1.4 Security Classification: None.

1.5 Initial Condition: None.

1.6 Contractor work start date: 7/21/2026

1.7 Contractor work completion date: 11/21/2027

2. REFERENCES:

REF. NO.	DOCUMENT /DRAWING NUMBER	DOCUMENT/DRAWING TITLE	REV	CHG NO.	COPY REQ'D (Y/N)	SOURCE DOC (Y/N)	PARA	SEC	PG	CHP
1	NSI FY-25	NAVSEA Standard Items	-	ORG	N					
2	LI FY-25	Local Standard Items	-	ORG	N					
3	DWG 200-8337506	INSTALLATION GIS SYSTEM HIGH DRUM SAFETY VALVE	A		Y				AL L	
4	DWG 200-6577980	S/A 1371 LCC-19 SUPHTR/LOW DRUM SAFE V REPL AND ASSOC PP INSTL	B		Y				AL L	
5	TM S6435-Q1-MMO-010	Remote Operated Pilot Sdafety Valve System for 600 PSI Boilers	6		N					

3. APPENDICES:

3.1. Appendix “J” TGI Job Summary Information Sheet
3.2. Appendix "M" TGI Material List
3.3. Appendix “D” Deficiency Form

4. GENERAL REQUIREMENTS:

4.1. Not Applicable.

5. **PROCEDURE:**

5.1 Accomplish the requirements of 009-27 of 2.1.

5.1.1 Accomplish the requirements of 009-09 of 2.1.

5.2 Remove each equipment listed in 1.3.1 through 1.3.4, using 2.3 through 2.5 and Enclosure-01 for guidance.

5.3 Install each equipment listed in 1.3.1 through 1.3.4, using 2.3 through 2.5 and Enclosure-01 for guidance.

5.3.1 Restore each mating surface exposed by each equipment removal. Repair by removing each high spot, burr, abrasion, and foreign matter, where removal can be accomplished by hand tool.

5.3.2 Remove existing and install each new steam piping joint gasket, conforming to MIL-G-24716.

5.3.3 Document joint/component record of FJ-1 on QA Form 34A, Enclosure-02.

5.4 Accomplish the requirements of 009-32 of 2.1 for each new and disturbed surface.

5.5 Notes:

5.5.1 Planner: Code 232 K. Suzuki, 243-2490

5.5.2 Work Integration Manager (WIM): Code 333 T. Yaginuma, 080-5419-0598

5.5.3 This TGI is response to Boiler Inspection and Repair Management Information System (BIRMIS) for 1A Boiler report dated 17 OCT 2024, Line item “K2-1”.

5.5.4 Each equipment will be overhaul by Original Equipment Manufacturing (OEM). Notify Business Agent (BA) to coordinate the shipment and deliver each removed equipment listed in 1.3.1 through 1.3.4 to A61. OEM TGI number is 3819P22114 A16. Procedure 5.3 may be performed after completion of TGI No. 3819P22114 A16.

5.5.5 JCN EM02-L194 is related to this TGI.

5.6 Government Furnished Material (GFM):

5.6.1 SRF-JRMC will provide GFM listed in Appendix “M”.

5.7 SRF-JRMC will provide the following service work: (TGI No. 3819P22114S13)

5.7.1 [C740] Crane and crane rigging service.

5.7.2 [X99E] Utilities service, electrical.

5.7.3 [X99M] Utilities service, including low pressure air supply, water supply, and steam supply.

5.7.4 [C106.1] Safety inspection for SRF-JRMC employees.

5.7.5 [C106.2] Gas free inspection for SRF-JRMC employees.

5.7.6 [C133] QA Inspection for (G) symbol(s).

APPENDIX "J"
TGI JOB SUMMARY INFORMATION SHEET

SYSTEM:	PLANT NO.:	COMPONENT NAME:	TYPE:	PHASE:	REPEAT:	CU PH VERSION:	CASREP CAT:
		1A BLR SAF V & PNL	AY	A	0	0	

CU PHASE TITLE:
***(K2-1) - F/O – REMOVE AND INSTALL 1A BOILER SAFETY VALVES AND PILOT PANELS**

PRIMARY COMPONENT:

COMPONENT UNIT LIST (FOR ASSEMBLIES):
1A BLR SPHTR STY VLV PA 1A HI DRUM SFTY PLT V- 1A LO DRUM SFTY PLT V- 1A BLR LD SFTY VLV PA 1A BLR HD SFTY VLV PA 1A SPHTR SFTY PLT V-

ATTACHMENT LIST:
1. **ENCLOSURE-01 (3819P22114A14-MAP.docx) saved on 15-FEB-2025 0000.**
2. **ENCLOSURE-02 (3819P22114A14-QA34A.docx) saved on 21-FEB-2025 0000.**

ZONE MANAGER:	ZONE:	COMPARTMENT:	LEVEL:	FRAME:	SIDE:
KANKE ,KOUHEI					

JO:	KO:	TOTAL MAN HRS:	TOTAL MAT'L COST	TOTAL DURATION:	PLANNING ACCEPTANCE:
3819P22114	A14				

CU PHASE DESCRIPTION:
The purpose of this TGI is to remove and install 1A boiler each safety valve and pilot panel.

Location of Work:
Fire Room (8-76-0-E)
Blower Room (5-79-0-E)

TASK NAME	SHOP	TSD/WC	TS	CREW#	MHRS	HIGH RAD HOURS	RC GRID#
5.1 OMCH: HRs, QA HRs	22	KE	PC				
5.2 OMCH: HRs, RGRS HRs	22	KE	PC				
5.3 OMCH: HRs, RGRS HRs, QA HRs	22	KE	PC				
5.4 PNTR: HRs, QA: HRs	22	KE	PC				
Machinery Work CFM for paint and misc such as plastic sheets/bags and other consumable.	22	MQ	CS				
Process Funding Document.	10	CT	OM				

TGI NO.:	1A BLR SAF V & PNL	AY	A	0
SHIP:	LCC-19	CHG/VER:		0/0

APPENDIX "M"
TGI MATERIAL LIST

SYSTEM:	PLANT NO.:	COMPONENT NAME:	TYPE:	PHASE:	REPEAT:	CU PH VERSION:	CASREP CAT:
		1A BLR SAF V & PNL	AY	A	0	0	

CU PHASE TITLE:
***(K2-1) - F/O – REMOVE AND INSTALL 1A BOILER SAFETY VALVES AND PILOT PANELS**

MATERIAL REFERENCES			
REF NO.	DOCUMENT/DRAWING NUMBER	DOCUMENT/DRAWING TITLE	REV

JOB ORDER:	KEY OP:
3819P22114	A14

MATERIAL LIST

ITEM NO.	PC NO.	REF NO.	M / C	DESCRIPTION	STOCK NUMBER	GENERIC MATL TYPE	LVL	QA	HAZ MAT	DOC NO.	QTY REQD/ UNIT	QTY USED/ UNIT
001			M	GASKET, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR T/M: S6435-Q1-MMO-010, FIG.A-1-2	9B 5330 012886619		NA	4	N	50495164	12/EA	
002			M	BOLT, BOLT, M18 X 2.5 X 80 MM, MATERIAL CARBON STEEL, ASTM-A-36, FOR PILOT PANEL ASSEMBLY, T/M: S6435-Q1-MMO-010, FIG.A-1-49 ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR	9B 5306 LL9303489		NA	4	N	50517463	16/EA	
003			M	NUT, NUT, M18 X 2.5, MATERIAL CARBON STEEL, ASTM-A-36 FOR PILOT PANEL ASSEMBLY, T/M: S6435-Q1-MMO-010, FIG.A-1-50 ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR	9B 5310 LL9303490		NA	4	N	50517467	16/EA	

NOTES:

TGI NO.:	1A BLR SAF V & PNL	AY	A	0
SHIP:	LCC-19	CHG/VER:		0/0

MATERIAL LIST

ITEM NO.	PC NO.	REF NO.	M / C	DESCRIPTION	STOCK NUMBER	GENERIC MATL TYPE	LVL	QA	HAZ MAT	DOC NO.	QTY REQD/ UNIT	QTY USED/ UNIT
004			M	LOCK WASHER, LOCK WASHER, M18, MATERIAL: CARBON STEEL, ASTM-A-36, FOR PILOT PANEL ASSEMBLY, T/M: S6435-Q1-MMO-010, FIG.A-1-51 ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR	9B 5310 LL9303491		NA	4	N	50517480	16/EA	
005			M	WASHER,FLAT, WASHER, FLAT, M18, MATERIAL CARBON STEEL, ASTM-A-36, FOR PILOT PANEL ASSEMBLY, T/M: S6435-Q1-MMO-010, FIG.A-1-52 ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR	9B 5310 LL9303492		NA	4	N	50517485	16/EA	
006			M	GASKET,SPIRAL WOUND, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR LOW DRUM VALVE OUTLET FLANGE SPIRAL GASKET	9B 5330 013387810		NA	4	N	50495167	1/EA	
007			M	GASKET,S, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR LOW DRUM VALVE INLET FLANGE SPIRAL GASKET	9B 5330 013387888		NA	4	N	50495179	1/EA	
008			M	STUD,CONTINUOUS THR, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR LOW DRUM VALVE OUTLET FLANGE BOLT	9B 5307 006853458		NA	4	N	50495168	8/EA	
009			M	STUD,CON, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR LOW DRUM VALVE INLET FLANGE BOLT	9B 5307 006376493		NA	4	N	50495181	8/EA	
010			M	NUT,PLAI, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR LOW DRUM VALVE OUTLET FLANGE NUT	9B 5310 006373631		NA	4	N	50495182	16/EA	
011			M	NUT,PLAIN,HEXAGON, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR LOW DRUM VALVE INLET FLANGE BOLT	9B 5310 008405873		NA	4	N	50495138	16/EA	
012			M	GASKET,S, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR LOW DRUM VALVE UPPER AND LOWER ACTUATION FLANGE GASKET	9B 5330 013387816		NA	4	N	50495183	2/EA	

MATERIAL LIST

ITEM NO.	PC NO.	REF NO.	M / C	DESCRIPTION	STOCK NUMBER	GENERIC MATL TYPE	LVL	QA	HAZ MAT	DOC NO.	QTY REQD/ UNIT	QTY USED/ UNIT
013			M	STUD,CONTINUOUS THR, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR LOW DRUM VALVE UPPER AND LOWER ACTUATION FLANGE BOLT	9B 5307 006376465		NA	4	N	50495170	8/EA	
014			M	NUT,PLAI, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR LOW DRUM VALVE UPPER AND LOWER ACTUATION FLANGE NUT	9B 5310 006373628		NA	4	N	50495185	16/EA	
015			M	GASKET,SPIRAL WOUND, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR HIGH DRUM VALVE OUTLET FLANGE SPIRAL GASKET	9B 5330 013387810		NA	4	N	50495171	1/EA	
016			M	GASKET,S, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR HIGH DRUM VALVE INLET FLANGE SPIRAL GASKET	9B 5330 013387888		NA	4	N	50495186	1/EA	
017			M	STUD,CONTINUOUS THR, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR HIGH DRUM VALVE OUTLET FLANGE BOLT	9B 5307 006853458		NA	4	N	50495172	8/EA	
018			M	STUD,CON, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR HIGH DRUM VALVE INLET FLANGE BOLT	9B 5307 006376493		NA	4	N	50495187	8/EA	
019			M	NUT,PLAI, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR HIGH DRUM VALVE OUTLET AND INLET FLANGE NUT	9B 5310 006373631		NA	4	N	50495189	16/EA	
020			M	GASKET,S, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR HIGH DRUM VALVE UPPER ACTUATION FLANGE GASKET	9B 5330 013387832		NA	4	N	50495190	1/EA	
021			M	GASKET,S, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR HIGH DRUM VALVE LOWER ACTUATION FLANGE GASKET	9B 5330 013387849		NA	4	N	50495191	1/EA	

MATERIAL LIST

ITEM NO.	PC NO.	REF NO.	M / C	DESCRIPTION	STOCK NUMBER	GENERIC MATL TYPE	LVL	QA	HAZ MAT	DOC NO.	QTY REQD/ UNIT	QTY USED/ UNIT
022			M	STUD,CON, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR HIGH DRUM VALVE UPPER ACTUATION FLANGE BOLT	9B 5307 006376494		NA	4	N	50495193	8/EA	
023			M	STUD,CONTINUOUS THR, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR HIGH DRUM VALVE LOWER ACTUATION FLANGE BOLT	9B 5307 006376465		NA	4	N	50495173	8/EA	
024			M	NUT, HEX, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR HIGH DRUM VALVE LOWER ACTUATION FLANGE NUT NUT, HEX, 1/2"-13UNC-2B, ALLOY STEEL, ASTM A194, GRADE 7.MIL-DTL-1222 TY I, GRADE 7.	9Z 5310 LL4709555		NA	4	N	50507412	16/EA	
025			M	NUT, HEX, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR HIGH DRUM VALVE UPPER ACTUATION FLANGE NUT NUT, HEX HEAD, SPEC: MIL-DTL-1222 TYPE I & ASTM A194, SIZE: 3/4"-10UNC-2B, MATL: ALLOY STEEL, GRADE 7, DO NOT CROSS NSN: 5310-00-637-3631(GRADE 4 OR 7)	9Z 5310 LL4709559		NA	4	N	50497486	16/EA	
026			M	GASKET,SPIRAL WOUND, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR SUPERHEATER VALVE OUTLET FLANGE SPIRAL GASKET	9B 5330 013387810		NA	4	N	50495174	1/EA	
027			M	GASKET,S, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR SUPERHEATER VALVE INLET FLANGE SPIRAL GASKET	9B 5330 013387888		NA	4	N	50495194	1/EA	
028			M	STUD,CONTINUOUS THR, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR SUPERHEATER VALVE OUTLET FLANGE BOLT	9B 5307 006853458		NA	4	N	50495175	8/EA	

MATERIAL LIST

ITEM NO.	PC NO.	REF NO.	M / C	DESCRIPTION	STOCK NUMBER	GENERIC MATL TYPE	LVL	QA	HAZ MAT	DOC NO.	QTY REQD/ UNIT	QTY USED/ UNIT
029			M	STUD,CONTINUOUS THR, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR SUPERHEATER VALVE INLET FLANGE BOLT	1H 5307 012345608 L1		I	1	N	50495141	8/EA	
030			M	NUT,PLAI, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR SUPERHEATER VALVE OUTLET FLANGE NUT	9B 5310 006373631		NA	4	N	50495195	16/EA	
031			M	NUT,PLAIN,HEXAGON, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR SUPERHEATER VALVE INLET FLANGE BOLT	1H 5310 013833251 L1		I	1	N	50495143	16/EA	
032			M	GASKET,S, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR SUPERHEATER VALVE UPPER AND LOWER ACTUATION FLANGE GASKET	9B 5330 013387816		NA	4	N	50495197	2/EA	
033			M	STUD,CONTINUOUS THR, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR SUPERHEATER VALVE UPPER AND LOWER ACTUATION FLANGE BOLT	9B 5307 006376465		NA	4	N	50495145	8/EA	
034			M	NUT,PLAI, ORIG: C232 K. SUZUKI 243-2490 ORDERED FOR KTR FOR SUPERHEATER VALVE UPPER AND LOWER ACTUATION FLANGE NUT	9B 5310 006373628		NA	4	N	50495198	16/EA	

FOUO

☐ NUCLEAR

APPENDIX "D"
DEFICIENCY FORM

☐ NON-NUCLEAR

1. SHIP/HULL NO.:	2a. DL or DR No. (Circle One)	2b. REVISION:	3a. COMPONENT NAME:	3b. TYPE:	3c. PHASE:	3d. REPEAT:
LCC-19			1A BLR SAF V & PNL	AY	A	0

4a. ICN:	4b. KEY OP:	5. LOC SPACE/LVL: FRAME: P/S/C:	6. CAUSED BY:
3819P22114	A14		

7. DESCRIPTION:

8. ORIGINATOR:	NAME:	BADGE:	SHOP/CODE:	DATE:	PHONE NO.:

9. CORRECTIVE ACTION:

10. EVALUATOR:	NAME:	BADGE:	SHOP/CODE:	DATE:	PHONE NO.:

FOR NON-NUCLEAR USE ONLY

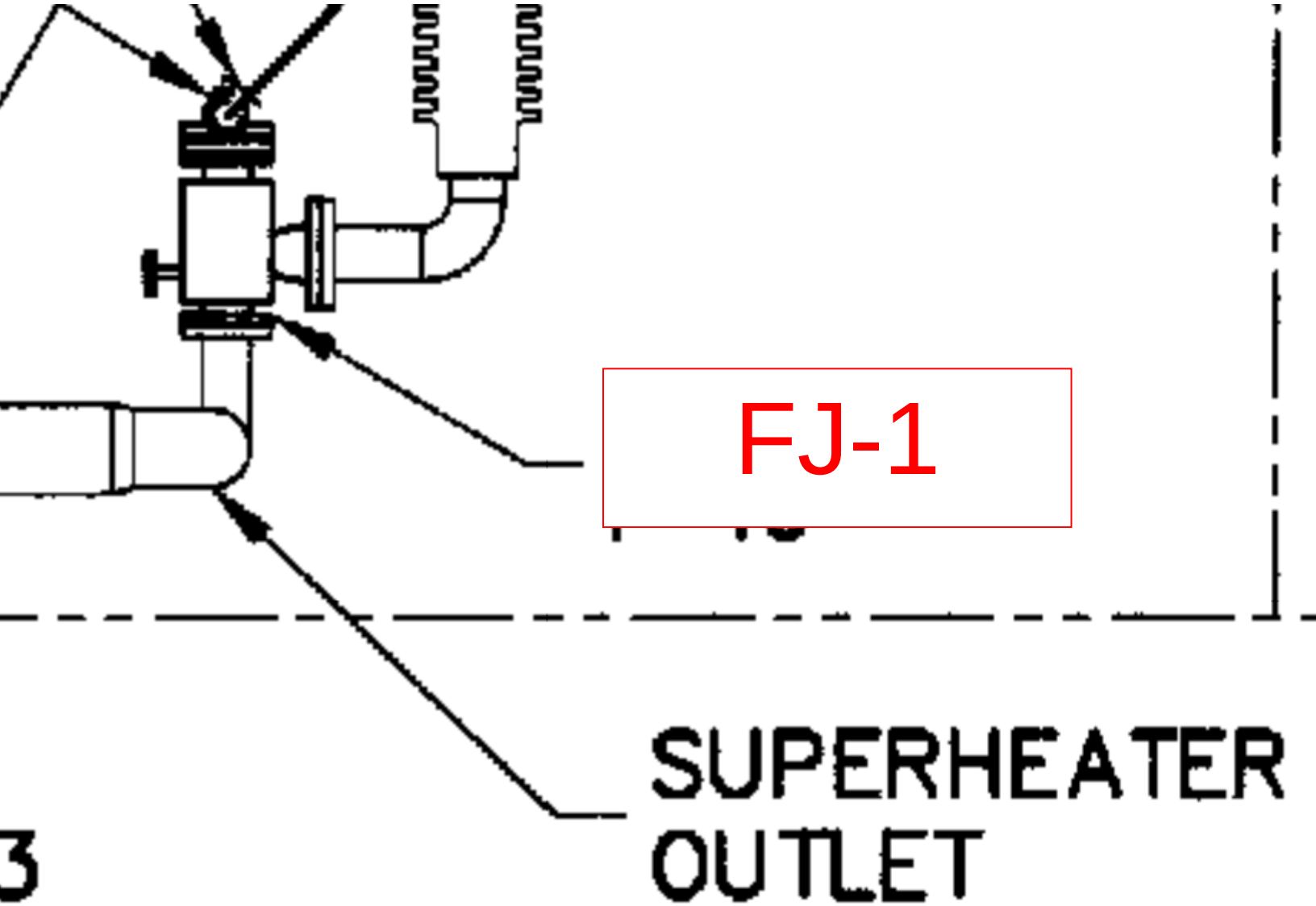
11. RFD/RFW REQ'D ☐ LAR REQ'D ☐ ILS MOD REQ'D ☐	SRD/PLAN REV REQ'D ☐ DWG NO.: _____ S/A NO.: _____

12. ISOLATION SATISFACTORY:	SIGN:	BADGE:	SHOP/CODE:	DATE:	PHONE NO.:
13. SUBSAFE OQE RECORD? YES ☐ NO ☐	SIGN:	BADGE:	SHOP/CODE:	DATE:	PHONE NO.
14. CORRECTIVE ACTION COMPLETE:	SIGN:	BADGE:	SHOP/CODE:	DATE:	PHONE NO.
15. INSPECTION REQ'D? :YES ☐ NO ☐	INSPECTION COMPLETE/SIGN:	BADGE:	SHOP/CODE:	DATE:	PHONE NO.
16. RECORDS REVIEW COMPLETE (DR ONLY)	SIGN:	BADGE:	SHOP/CODE:	DATE:	PHONE NO.

DL's ISSUED (DR ONLY)								

☐ NUCLEAR **Deficiency Form Continuation Sheet** ☐ NON-NUCLEAR

1. SHIP/HULL NO.:	2a. DL or DR No. (Circle One)	2b. REVISION:	3a. COMPONENT NAME:	3b. TYPE:	3c. PHASE:	3d. REPEAT:
LCC-19			1A BLR SAF V & PNL	AY	A	0



MAPPING PLAN

3819P22114A14 ENCLOSURE-01

SHEET 1 OF 1

JOINT/COMPONENT ASSEMBLY RECORD Planning must fill in blocks identified by a ♦ prior to issuing.
QA FORM 34A PAGE __1___ OF__1___
(For Assemblies Not Requiring Torque Documentation)

♦1. SHIP	HULL NO.	♦2. JCN	♦3. LWC/SHOP	♦4. CWP/REC NO.	5. SYSTEM/COMPONENT/ROTATABLE POOL NO
USS BLUE RIDGE	LCC-19	EM02-L194	KTR	N/A	1A Superheater Safety Valve Inlet Flange

♦6. REFERENCES (Specify Assembly Number if applicable.)

A. MAPPING PLAN, ENCLOSURE-01	B. TGI No. 3819P22114 A14	C.
D.	E.	F.

7. NEW MATERIAL

PC NO.	REF.	JOINT ID	DESCRIPTION (Include thickness for shims; diameter and thread pitch for fasteners)	QTY	LOE	IDENT (E.G., MIC NO/NSN/ROTATABLE POOL NO) (**FOR LEVEL I FASTENERS:** Include Material Marking, Color Code, Heat/Lot Number, and Manufacturer's Symbol)	CRAFT INT

8. JOINT DATA

FOR OTHER THAN JOINT MAKE-UP, DESCRIBE THE SPECIFIC ATTRIBUTE AND LOCATION OF THE ACCEPTANCE CRITERIA. IDENTIFY JOINTS THAT REQUIRE CONTROLLED ASSEMBLY PROCEDURES.	INSPECTOR (SHIPYARDS ONLY - FOR CONTROLLED ASSEMBLY JOINTS ONLY) & CRAFTSMAN SIGNATURE CERTIFIES: (1) JOINT SEALING SURFACES, ALIGNMENT, GAP AND PARALLELISM ARE SAT PER SPECIFIED REQUIREMENTS AND STUDS HAVE BEEN CHECKED FOR ROTATION IF APPLICABLE, OR ATTRIBUTE IS ACCEPTABLE PER SPECIFIED CRITERIA. (2) ALL NEW MATERIAL ASSOCIATED WITH THIS JOINT MEETS SPECIFIED REQUIREMENTS, IS INSTALLED & LISTED IN BLOCK 7; EXISTING MATERIAL ASSOCIATED WITH THIS JOINT IS ACCEPTABLE AND CORRECTLY INSTALLED. FOR FLEET ONLY: FOR NON-CONTROLLED ASSEMBLIES WHEN NO SPECIFIC ATTRIBUTE IS SPECIFIED, INSPECTOR SIGNATURE CERTIFIES ACCEPTANCE OF LEVEL I MATERIAL ONLY.

♦JOINT ID & JOINT TYPE OR ATTRIBUTE DESCRIPTION	♦JT. REF	♦(C) FOR CRAFTSMAN OR (I) FOR INSPECTOR	CRAFTSMAN SIGNATURE/BADGE/DATE (FOR EACH JOINT/ATTRIBUTE) INSPECTOR SIGNATURE/BADGE/DATE (FOR EACH (I) JOINT/ATTRIBUTE)
A. FJ-1	A B	(C)	
B.			
C.			
D.			
E.			

♦9. LOCKING DEVICE INSTALLED OR REQD ACTION: ☒ NA	MATL. DESCRIPTION/NSN/PC. NO.	JT. ID.	CRAFTSMAN SIGNATURE/BADGE/DATE ☐ **SAT**

10. REMARKS (CRAFTSMAN/QAI SUBMIT A DF TO RESOLVE UNSAT DATA)

(FOR USE WHEN SIGNATURE DOES NOT ALREADY APPEAR ON FORM)

INITIAL	SIGNATURE/BADGE NO.

11. LWC SUPERVISOR/SHOP SUPERVISOR SIGNATURE/BADGE NO (RECORD REVIEWED FOR FINAL ACCEPTANCE)	12. QAS SIGNATURE /BADGE NO (RECORD HAS BEEN REVIEWED FOR COMPLETENESS)