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JOHN S. KEMPER
VICE-PRESIDENT
ENGINEERING AND RESEARCH

AUG 23 1984

Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Limerick Generating Station, Units 1 & 2
Information for Materials Engineering Branch (MTEB)
Regarding SER Confirmatory Issue #12 - Preservice
Inspection (PSI) Program

References:
1) Telecon between M. Hum (NRC/MTEB), B. Brown (EG&G Lab.) and D. Schmidt (PECo), 8/17/84
2) Letter, J. S. Kemper (PECo), to A. Schwencer (NRC), dated 7/17/84

Attachments:
1) Limerick Unit 1 PSI Relief Request No. 6, Rev. 1
2) Limerick Unit 1 PSI Relief Request No. 13, Rev. 1
3) Limerick Unit 1 PSI Relief Request No. 16, Rev. 1
4) Limerick Unit 1 PSI Relief Request No. 17, Rev. 0 Additional Information
5) Limerick Unit 1 PSI Relief Request No. 25, Rev. 0
6) Limerick Unit 1 PSI Relief Request No. 26, Rev. 0
7) Limerick Unit 1 Component Summary Table, Rev. 1

File: GOVT 1-1 (NRC)

Dear Mr. Schwencer:

As discussed in the reference 1) telecon, attachment 4) provides additional information applicable to Relief Request No. 17. Attachments 1) through 3) and 5) through 7) result from the Owner and ANII reviews of the preservice inspection data.

Sincerely,

V. S. Boyer
for JSK

50-352
50-353

DLS/pd08228403

See Attached Service List

A001
1/1

cc: Judge Lawrence Brenner (w/o enclosure)
Judge Peter A. Morris (w/o enclosure)
Judge Richard F. Cole (w/o enclosure)
Troy B. Conner, Jr., Esq. (w/o enclosure)
Ann P. Hodgdon, Esq. (w/o enclosure)
Mr. Frank R. Romano (w/o enclosure)
Mr. Robert L. Anthony (w/o enclosure)
Maureen Mulligan (w/o enclosure)
Charles W. Elliot, Esq. (w/o enclosure)
Zori G. Ferkin, Esq. (w/o enclosure)
Mr. Thomas Gerusky (w/o enclosure)
Director, Penna. Emergency Management Agency (w/o enclosure)
Angus R. Love, Esq. (w/o enclosure)
David Wersan, Esq. (w/o enclosure)
Robert J. Sugarman, Esq. (w/o enclosure)
Martha W. Bush, Esq. (w/o enclosure)
Spence W. Perry, Esq. (w/o enclosure)
Jay M. Gutierrez, Esq. (w/o enclosure)
Atomic Safety & Licensing Appeal Board (w/o enclosure)
Atomic Safety & Licensing Board Panel (w/o enclosure)
Docket & Service Section (w/o enclosure)
Mr. James Wiggins (w/o enclosure)
Mr. Timothy R. S. Campbell (w/o enclosure)

6. Class 1 Pressure Retaining Welds in Piping
Code Item No. B4.5, Category B-J

Code Requirement:

Those pipe longitudinal and circumferential pressure retaining welds included in Code Category B-J of Table IWB-2500 shall be volumetrically examined per Item No. B4.5 of Table IWB-2600. The examinations shall cover 100% of the pressure retaining welds and shall be performed completely, once, as a preservice examination requirement. The examination volume shall include the weld plus the base metal on each accessible side of the weld for a distance of 1/2 T or 1 inch, whichever is smaller.

Relief Request:

Relief is requested from examining 100% of the required volume for reasons noted in the Component Summary Table. Examinations were performed perpendicular and parallel to the weld axis in accordance with subarticles III-4420 and III-4430, respectively. The percent complete of each examination is also noted in the Table. There are 59 welds included in this relief request. | V

Justification for Granting Relief:

The integrity of the piping pressure boundary has been verified by construction code testing requirements. Shop welds were radiographed and liquid penetrant tested in accordance with that edition of ASME Section III in effect at the time of procurement. Field weld examinations, which include radiography, liquid penetrant, and hydrostatic pressure tests, were performed in accordance with the 1974 Edition of Section III, as modified by the Winter 1974 Addenda.

The ASME Section XI preservice ultrasonic examinations were augmented by complete liquid penetrant tests which were performed in accordance with the 1977 Edition of Section XI as modified by the Addenda through the Summer 1978.

The minimal safety impact of incomplete Section XI preservice examinations described above is explained in the Safety Impact Summary which postulates that a defect has propagated through-wall, undetected. Sufficient system redundancy, leak detection capability, and alternative systems have been included in the plant design to assure plant safety.

Limerick Generating Station, Unit 1
Preservice Inspection Relief Request
ASME B&PV Code, Section XI

13. Class 2 Pressure Retaining Welds in Piping
Code Item No. C2.1, Categories C-F and C-G

Code Requirement:

Those pipe circumferential butt welds included in Code Categories C-F and C-G of Table IWC-2520 shall be volumetrically examined per Item No. C2.1 of Table IWC-2600. The examinations shall cover 100% of the C-F welds and 50% of the C-G welds and shall be performed completely, once, as a preservice examination requirement. The examination volume shall include the weld plus the base metal on each accessible side of the weld for a distance of 1/2 T or 1 inch, whichever is smaller.

Relief Request:

Relief is requested from examining 100% of the required volume of the C-F welds for reasons noted in the Component Summary Table. Examinations were performed perpendicular and parallel to the weld axis in accordance with subarticles III-4420 and III-4430, respectively. The percent complete of each examination is also noted in the Table. There are 53 welds included in this relief request. | V

Justification for Granting Relief:

The integrity of the piping pressure boundary has been verified by construction code testing requirements. Shop welds were radiographed in accordance with that edition of ASME Section III in effect at the time of procurement. Field weld examinations, which include radiography and hydrostatic pressure tests, were performed in accordance with the 1974 Edition of Section III, as modified by the Winter 1974 Addenda.

The ASME Section XI preservice ultrasonic examinations were augmented by complete liquid penetrant tests (exception: RH 190 & RH 194), which were performed in accordance with the 1977 Edition of Section XI as modified by the Addenda through the Summer 1978.

The minimal safety impact of incomplete Section XI preservice examinations described above is explained in the Safety Impact Summary which postulates that a defect has propagated through-wall, undetected. Sufficient system redundancy, leak detection capability, and alternative systems have been included in the plant design to assure plant safety.

16. Class 2 Support Members for Piping
Code Item No. C2.5, Category C-E-1

Code Requirement:

Those pipe integrally-welded attachment welds included in Code Category C-E-1 of Table IWC-2520 shall be surface examined per Item No. C2.5 of Table IWC-2600. The examinations shall include 100% of the supports with attachment welds and shall be performed completely, once, as a preservice examination requirement. The examination surface shall include the attachment weld to the pressure retaining boundary plus the base metal beneath the weld and along the attachment for a distance of 2 support thicknesses.

Relief Request:

Relief is requested from the area requirement of Table IWC-2520. For preservice inspection the examination surface shall include the attachment weld to the pressure retaining boundary plus the base metal beneath the weld and along the attachment for 1/2 inch on all sides. There are 141 supports included in this relief request. | V

Justification for Granting Relief:

The structural integrity of the support attachments, welds, and piping pressure boundary has been verified by construction code testing requirements. The attachment welds and base metal were surface examined, after the hydrostatic pressure tests, in accordance with the 1974 Edition of ASME Section III, as modified by the Winter 1974 Addenda.

Interpretation of the 1974 Edition of ASME Section XI, as modified by the Addenda through the Summer 1975, category C-E-1 requirements, leads to an examination area that includes large sections of pipe. In light of the provided interpretation, later editions of Section XI were considered to clarify the intent of category C-E-1 requirements. Therefore, the integral attachment welds included in category C-E-1 have been magnetic particle tested utilizing the coverage specified in the 1980 Edition of Section XI as modified by the Addenda through the Winter 1981, Figure IWC-2500-5.

Limerick Generating Station, Unit 1
Preservice Inspection Relief Request
ASME B&PV Code, Section XI

17. Class 2 Pressure Retaining Welds in Pumps
Code Item No. C3-1, Category C-F

Additional Information:

Included as additional information are the following:

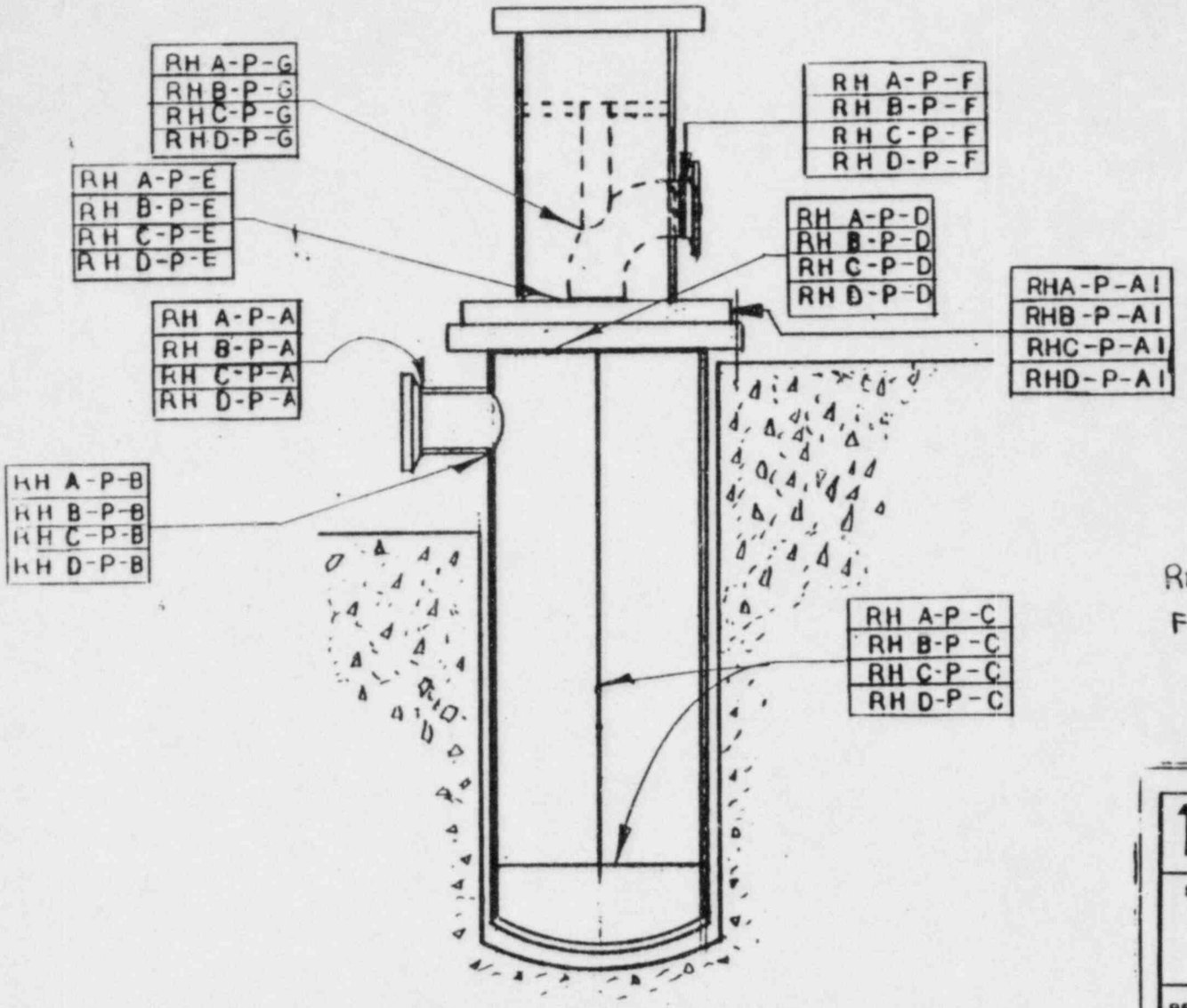
1. Weld identification figures from the Preservice Program Plan, 801558 for both the RHR and Core Spray pumps.

2. Excerpts from the Core Spray pump Owners Manual (including General Arrangement Diagram) which provide general design notes for the pump foundations. These notes are typical of both RHR and Core Spray Pumps.

3. Photographs (3) showing the pump foundation arrangement at the inlet nozzles for both the RHR and Core Spray pumps.

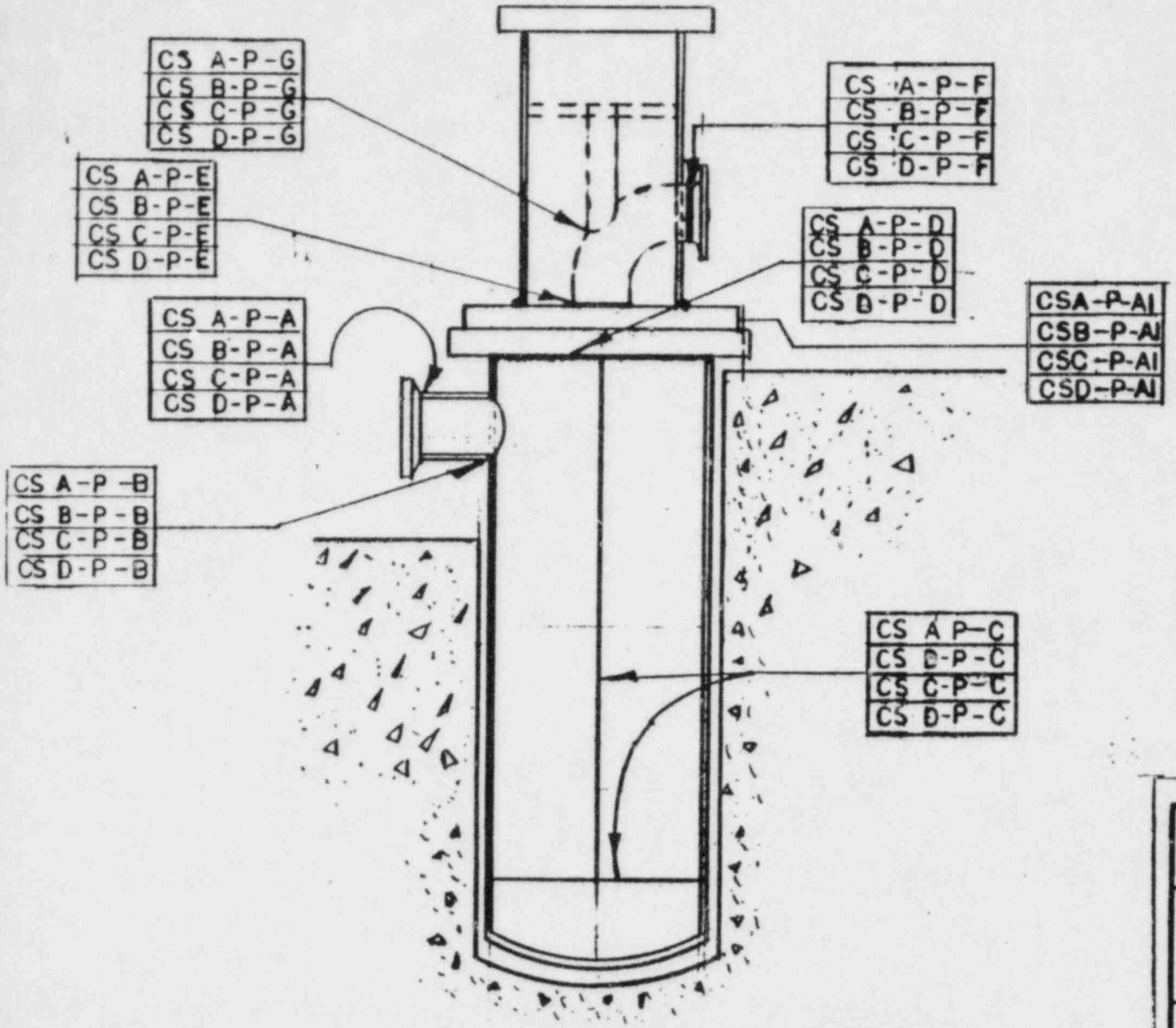
Inservice inspection of those pump shell welds that are encased in cement must be deferred until such time that the pump is removed for maintenance. Either visual, surface or volumetric examinations may be performed depending on ALARA considerations and equipment availability. Visual examinations from the exterior will be performed during system pressure tests. Shell leakage can be detected at the foundation construction joints.

DLS/pd08228402



REF. INGERSOLL RAND DWG:
F-34 APKD 500X4

NUCLEAR ENERGY SERVICES	
SYSTEM NO. 10	TITLE RHR PUMP BODY WELDS AND SUPPORT
REV: 2	FIG. NO. C1-27
BY: JRP DATE: 8-12-[illegible]	
APP: CJC DATE: [illegible]	
PROJECT: 5561 LIMERICK UNIT 1	
NOT TO SCALE	



REF INGERSOLL RAND DWG
F-34 APKD 500X4

NES NUCLEAR ENERGY SERVICES

SYSTEM NO. 10	TITLE CORE SPRAY PUMP SUPPORT & BODY WELDS
REV: 3	FIG. NO. 04-09
BY: VB DATE: 6/16/83 APP: SAW DATE: 6/17/83	
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	

GENERAL ELECTRIC
ATOMIC POWER EQUIPMENT DEPARTMENT

VENDOR MANUAL
APPROVED
BY C B Christensen
DATE 9 Oct 1975
VPF# 2903-303-3

PROJECT	MPL#
LIMERICK 1&2	E11C002

GENERAL ELECTRIC COMPANY

FOR

PHILADELPHIA ELECTRIC COMPANY
LIMERICK PLANT NOS. 1 AND 2
POTTSTOWN, PA.

CUSTOMER'S ORDER NO. AC-751
CUSTOMER'S ITEM NO'S 1A/B/C/D AND 2A/B/C/D

INGERSOLL-RAND ORDER NO. 006-36015

RESIDUAL HEAT REMOVAL PUMPS

DATE OF ISSUE
17 SE 75

FOREWORD

CHECK UPON ARRIVAL

Your pump was carefully checked at our shops prior to shipment to assure its meeting the high standard required by the specifications.

If it is necessary to store the pump any length of time before installation, find a location where it will be protected from unfavorable weather.

The masonite nozzle covers provided with the pump should be left in place during storage.

The electric motor (pump driver) should not be stored in damp places without special protection.

RUST PREVENTIVE

All internal surfaces of the pump and discharge head nozzle were coated with TOWER NO. 635 RP.

The pumping element and discharge head were then sealed in a polyethylene bag with bags of dessicant (DESSICITE NO. 25) attached to the inside of the discharge nozzle cover as designated in the order specifications.

During installation procedures be certain that all bags of dessicant are removed before installing the pumping element into the shell. The rust preventive (TOWER NO. 635RP) can be removed by isolating the pump from the main piping system and circulating water.

All external machined surfaces are protected with a durable drying type rust preventive. This can be removed with kerosene or safety solvent (TOWER NO 392).

External non-machined surfaces of the discharge head and shell were prepared per order specifications and given one primer coat of SHERWIN–WILLIAMS NO. E61–R–N30 (or equivalent).

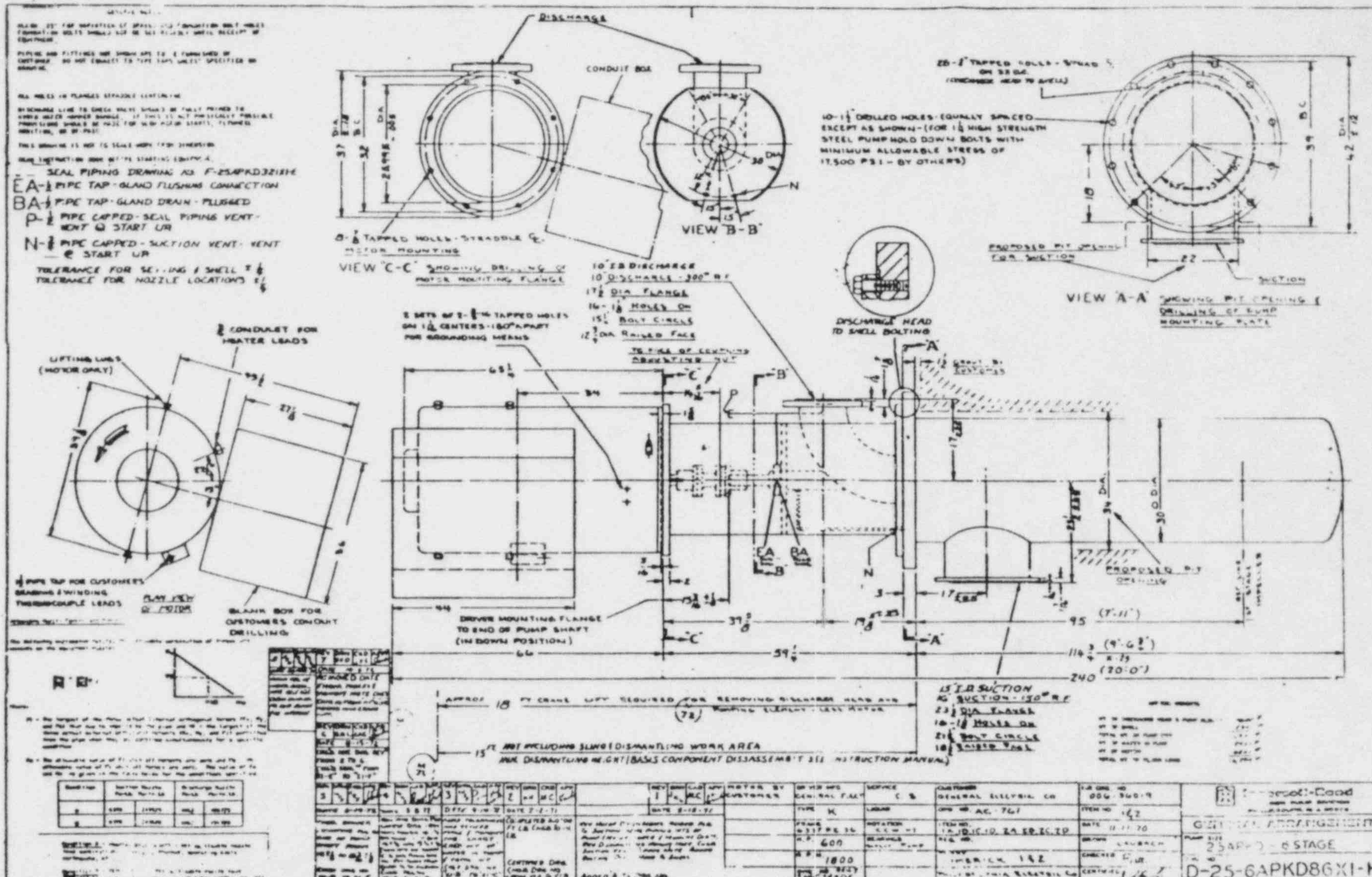
CLEANING THE PUMP

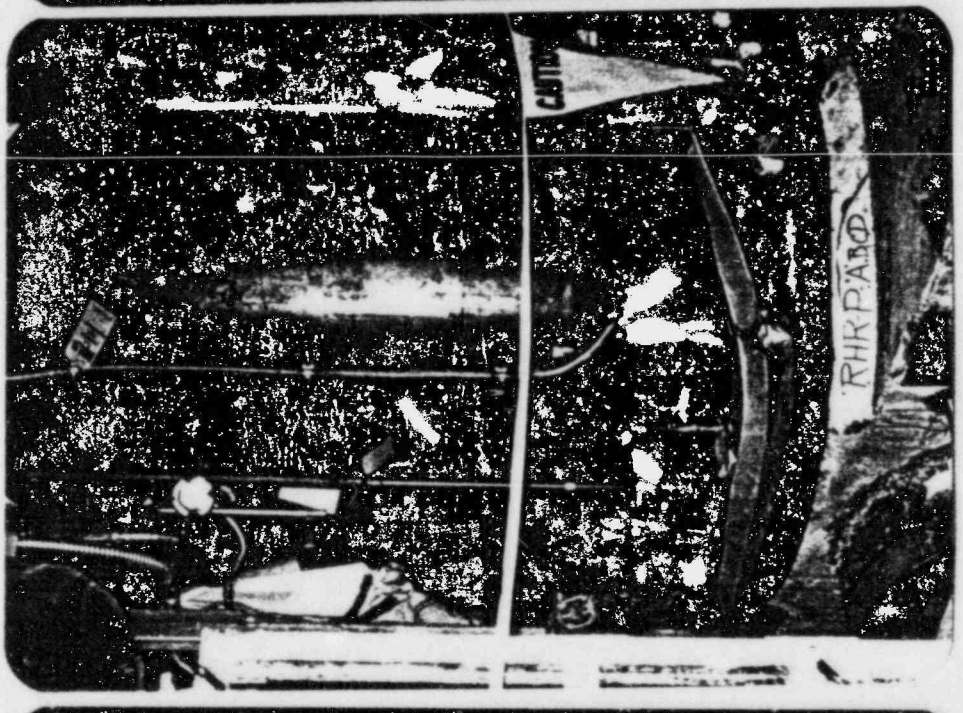
Before putting the pump into operation, it should be thoroughly flushed out to remove the rust preventive as well as any foreign matter which may have accumulated during installation. This can be accomplished by isolating the installed pump from the main piping system and circulating water.

Take all possible care not to contaminate your system.

FOUNDATION

Experience has shown that foundations made of concrete are the most suitable. Vibrations from other machinery as well as the building are reduced to a minimum when the foundations are massive and are isolated by means of a construction joint.


DISCHARGE
CONDUIT BOX
SEAL PIPING DRAWING NO. F-25APKD321874
EA-½ PIPE TAP - GLAND FLUSHING CONNECTION
BA-½ PIPE TAP - GLAND DRAIN - PLUGGED
P-½ PIPE CAPPED - SEAL PIPING VENT - VENT @ START UP
N-½ PIPE CAPPED - SUCTION VENT - VENT @ START UP
VIEW 'C-C' SHOWING DRILLING OF MOTOR MOUNTING FLANGE
VIEW 'B-B'
10-1½ DRILLED HOLES - EQUALLY SPACED EXCEPT AS SHOWN - (FOR 1½ HIGH STRENGTH STEEL PUMP HOLD DOWN BOLTS WITH MINIMUM ALLOWABLE STRESS OF 17,500 PSI - BY OTHERS)
PROPOSED PIT OPENING FOR SUCTION
SUCTION
VIEW 'A-A' SHOWING PIT OPENING & DRILLING OF PUMP MOUNTING PLATE
10" I.D. DISCHARGE
DISCHARGE HEAD TO SHELL BOLTING
LIFTING LUGS (MOTOR ONLY)
CONDULET FOR HEATER LEADS
PLAN VIEW OF MOTOR
BLANK BOX FOR CUSTOMERS CONDUIT DRILLING
DRIVER MOUNTING FLANGE TO END OF PUMP SHAFT (IN DOWN POSITION)
PROPOSED PIT OPENING
15" I.D. SUCTION
NOT INCLUDING SLING & DISMANTLING WORK AREA
MAX DISMANTLING HEIGHT (BASIS COMPONENT DISASSEMBLY SEE INSTRUCTION MANUAL)
95 (7'-11")
114¾ (9'-6¾")
240 (20'-0")
66
59¼
MOTOR BY CUSTOMER
GENERAL ELECTRIC CO
600
1800
Ingersoll-Rand
GENERAL ARRANGEMENT
25APKD - 6 STAGE
D-25-6APKD86X1-H


RHR-P-A-B-C-D


RHR-P-A-B-C-D
INACCESSIBLE
INCASED IN CEMENT

Limerick Generating Station, Unit 1
Preservice Inspection Relief Request
ASME B&PV Code, Section XI

25. Class 1 Pressure Retaining Welds in Piping
Code Item No. B4.5, Category B-J

Code Requirement:

Those pipe circumferential pressure retaining welds included in Code Category B-J of Table IWB-2500 shall be volumetrically examined per Item No. B4.5 of Table IWB-2600. The following data is required to be recorded to document the examinations per subarticle III-4500:

a. data sheet identity and date;
b. examination personnel;
c. applicable calibration sheet identity;
d. examination procedure and revision;
f. surface from which examination was conducted;
g. record of indications (or lack of) which includes search unit location and orientation applicable to reflector; peak amplitude, reference level, and end points at reference level (parallel to reflector) along with the minimum and maximum sweep readings to the reflector;
h. date and time period of the examination.

Relief Request

Relief is requested from the recording requirement of item III-4500 (g) as applied to geometric reflectors. There are 37 welds included in this relief request. These welds are identified in the Component Summary Table.

Justification for Granting Relief:

For geometric reflectors, the information not recorded on a consistent basis was the circumferential location (L) of the search unit, relative to the zero datum, for the peak amplitude response. ID root geometry which was recorded as "intermittent 360" can be confirmed by data plots and/or review of the ASME Section III radiographs. There is no impact on plant safety as a result of this relief request.

Limerick Generating Station, Unit 1
Preservice Inspection Relief Request
ASME B&PV Code, Section XI

26. Class 2 Pressure Retaining Welds in Piping
Code Item No. C2.1, Categories C-F and C-G

Code Requirement:

Those pipe circumferential pressure retaining welds included in Code Categories C-F and C-G of Table IWC-2520 shall be volumetrically examined per Item No. C2.1 of Table IWC-2600. The following data is required to be recorded to document the examinations per subarticle III-4500:

a. data sheet identity and date;
b. examination personnel;
c. applicable calibration sheet identity;
d. examination procedure and revision;
f. surface from which examination was conducted;
g. record of indications (or lack of) which includes search unit location and orientation applicable to reflector; peak amplitude, reference level, and end points at reference level (parallel to reflector) along with the minimum and maximum sweep readings to the reflector;
h. date and time period of the examination.

Relief Request

Relief is requested from the recording requirement of item III-4500 (g) as applied to geometric reflectors. There are 70 welds included in this relief request. These welds are identified in the Component Summary Table.

Justification for Granting Relief:

For geometric reflectors, the information not recorded on a consistent basis was the circumferential location (L) of the search unit, relative to the zero datum, for the peak amplitude response. ID root geometry which was recorded as "intermittent 360°" can be confirmed by data plots and/or review of the ASME Section III radiographs. Fifty-nine of these welds will not require volumetric examination during inservice inspection. There is no impact on plant safety as a result of this relief request.

Attachment 7

LIMERICK GENERATING STATION, UNIT 1
COMPONENT SUMMARY TABLE, PART 1, REV. 1

Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
RHA-001A 01-01	12" Pipe to Pipe B-J/B4.5	2036	Joint Configuration Fitting to Pipe Weld	60% Long. 100% Circ.	UT	[illegible]	6	V
RHA-006 01-01	12" Pipe to Valve (HV-1F041A) B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RHA-009 01-01	12" Elbow to Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RHA-013 01-01	12" Flued Head (x-45A) to Valve (HV-1F017A) B-J/B4.5	2212	Joint Configuration Fitting to Fitting Weld	60% Long. & Circ.	UT	2	6	
RHA-092 01-01	12" Flued Head (x-13A) to Valve (HV-1F015A) B-J/B4.5	2228	Joint Configuration Fitting to Fitting Weld	50% Long. 30% Circ.	UT	2	6	
RHA-016R 01-02	12" Elbow to 18" x 12" Reducer C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RHA-027A 01-02	18" x 18" x 18" Tee to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RHA-140AR 01-02	16" Flued Head (x-39A) to Valve (HV-F021A) C-F/C2.1	2088	Joint Configuration Fitting to Fitting Weld	60% Long. 100% Circ.	UT	1	13	
RHA-149A 01-02	16" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RHA-152A 01-02	6" Flued Head (x-205A) to Valve (HV-1F027A) C-F/C2.1	2087	Joint Configuration Fitting to Fitting Weld	80% Long. & Circ.	UT	1	13	
RHA-034R 01-03	18" Pipe to Flange (FE-IN014A) C-F/C2.1	2257	Joint configuration Fitting to Pipe Weld	75% Long. 100% Circ.	UT	1	13	
RHA-035A 01-03	18" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RHA-039A 01-03	18" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V

LIMERICK GENERATING STATION, UNIT 1
COMPONENT SUMMARY TABLE, PART 1, REV. 1

Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
RHA-053A 01-03	18" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽
RHA-060R 01-03	30" Pipe to Flange C-F/C2.1	2260	Joint Configuration	75% Long. 100% Circ.	UT	11	13	▽
RHA-065A 01-03	30" x 24" Reducer to 24" Pipe B-J/B4.5	2242	Joint Configuration Fitting to Pipe Weld	80% Long. & Circ.	UT	11	6	
RHA-094A 01-03	12" Pipe to 18" x 12" Reducer C-F/C2.1	2208	Proximity of Adjacent Drain Line to Scan Path On Pipe side and Columnar Structure of Dendritic Weld	100% Long. & Circ.	UT	1	13	
RHA-066A 01-03	24" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽
RHA-107A 01-03	18" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Lon.g & Circ.	UT	N/A	26	▽
RHA-112 01-03	20" x 18" Reducer to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽
RHB-003 01-04	Valve (1F065B) to 12" Pipe B-J/B4.5	2008	Insufficient Distance Between Welds RHB-003 and RHB-004 for Full Scan Path	100% Long. & Circ.	UT	4	6	
RHB-004 01-04	12" Pipe to Elbow B-J/B4.5	2009	Insufficient Distance Between Welds RHB-003 and RHB-004 for Full Scan Path	60% Long. & Circ.	UT	4	6	▽
RHB-005LD-Max. 01-04	Elbow Seam Max. Radius B-J/B4.5	N/A	Relief Request Deleted	100% Long. & Circ.	UT	N/A	N/A	▽
RHB-013 01-04	12" Flued Head (x-45B) to Valve (HV-1F017B) B-J/B4.5	2212	Joint Configuration Fitting to Fitting Weld	60% Long. & Circ.	UT	2	6	
RHB-082 01-04	12" Flued Head (x-13B) to Valve (HV-1F015B) B-J/B4.5	2111	Joint Configuration Fitting to Fitting Weld	80% Long. 50% Circ.	UT	2	6	

LIMERICK GENERATING STATION, UNIT 1
COMPONENT SUMMARY TABLE, PART 1, REV. 1

Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
RHB-132A 01-05	16" Flued Head (x-39B) to Valve (HV-1F021B) C-F/C2.1	2101	Joint Configuration Fitting to Fitting Weld	80% Long. & Circ.	UT	1	13	
RHB-149AR 01-05	6" Flued Head (x-205B) to Valve (HV-1F027B) C-F/C2.1	2103	Joint Configuration Fitting to Fitting Weld	80% Long. & Circ.	UT	1	13	
RHB-053R 01-06	30" Pipe to Flange C-F/C2.1	2207	Joint Configuration Pipe to Fitting Weld	40% Long. & Circ.	UT	11	13	
RHB-067A 01-06	Valve (HV-1F004B) to 24" Flued Head (x-203B) C-F/C2.1	2048	Joint Configuration Fitting to Fitting Weld	75% Long. & Circ.	UT	5	13	
RHB-115 01-06A	18" Pipe to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RHC-007A 01-07	12" Pipe to Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RHC-009 01-07	12" Elbow to Pipe B.J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RHC-013 01-07	12" Flued Head (x-45C) to Valve (HV-1V017C) B-J/B4.5	2212	Joint Configuration Fitting to Fitting Weld	60% Long. & Circ.	UT	2	6	
RHC-015R 01-07	12" Pipe to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RHC-017R 01-07	18" x 12" Reducer to 18" Pipe C-F/C2.1	2060	Proximity of Weld to Penetration Limiting Scan Path	45% Long. & Circ.	UT	1	13,26	V
RHC-019B 01-07	18" Pipe to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RHC-021 01-07	18" Elbow to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RHC-026A 01-07	18" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RHC-053R 01-08	30" Pipe to Flange C-F/C2.1	2094	Weld Configuration Loss of X-Ducer Contact	90% Long. & Circ.	UT	11	13	

LIMERICK GENERATING STATION, UNIT 1
COMPONENT SUMMARY TABLE, PART 1, REV. 1

Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
			in Weld Toe					
RHC-054LU to RHC-055LD 01-08	Longitudinal Elbow Seam C-F/C2.2	2019	"Permanent" Welded Support Brace on Weld Seam	80% Long. & Circ.	UT	11	14	
RHC-056LU to RHC-057LD 01-08	Longitudinal Elbow Seam C-F/C2.2	2020	"Permanent" Welded Support Brace on Weld Seam	80% Long. & Circ.	UT	11	14	
RHC-065A 01-08	Valve (HV-1F004C) to 24" Flued Head (x-203C) C-F/C2.1	2049	Joint Configuration Fitting to Fitting Weld I-Beam Obstruction	75% Long. & Circ.	UT	5	13	
RHD-004 01-09	12" Pipe to Elbow B-J/B4.5	2007	Insufficient Distance Between Welds RHD-003 and RHD-004 for Full Scan Path	100% Long. 60% Circ.	UT	4	6	
RHD-013 01-09	12" Flued Head (x-45D) to Valve (HV-1F017D) B-J/B4.5	2212	Joint Configuration Fitting to Fitting Weld	60% Long. & Circ	UT	2	6	
RHD-014R 01-09	Valve (HV-1F017D) to 12" Pipe C-F/C2.1	2086	Joint Configuration Fitting to Pipe Weld	90% Long. & Circ.	UT	1	13	
RHD-015R 01-09	12" Pipe to Elbow C-F/C2.1	2208	6" Sweep-o-Let in Pipe 1/2" from Weld Limiting Scan Path	100% Long. 98% Circ.	UT	1	13	
RHD-047B 01-09	18" Tee to 18" Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽1
RHD-056A 01-10	18" Elbow to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽1
RHD-059 01-10	Flange to 30" Pipe C-F/C2.1	2243	Two Nozzles Partially Blocking Scan Path	100% Long. 95% Circ.	UT	11	13	
RHD-061LU to RHD-062LD 01-10	Longitudinal Elbow Seam C-F/C2.2	2044	"Permanent" Welded Support Brace on Weld Seam	100% Long. 70% Circ.	UT	11	14	

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAM No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
RHD-063LU to RHD-064LD 01-10	Longitudinal Elbow Seam C-F/C2.2	2018	"Permanent" Welded Support Brace on Weld Seam	80% Long. & Circ.	UT	11	14	
RHD-072A 01-10	Valve (HV-1F004D) to 45" Flued Head (x-203D) C-F/C2.1	2217	Joint Configuration Fitting to Fitting Weld	75% Long. & Circ.	UT	5	13	
RH-015 01-11	20" Flued Head (x-12) to Valve (HV-1F008) B-J/B4.5	2196	Joint Configuration Fitting to Fitting Weld	80% Long. & Circ.	UT	3	6	
RH-016BLD-Max. 01-12	Longitudinal Elbow Seam C-F/C2.2	2054	Nozzle Welded on Seam Centerline 3.8" from Weld RH-016B	92% Long. & Circ.	UT	3	14	▽1
RH-085A 01-12	16" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽
RH-028 01-13	24" Tee to 24" x 24" x 20" Tee C-F/C2.1	2089	Joint Configuration Fitting to Fitting Weld	98% Long. & Circ.	UT	3	13	
RH-038A 01-13	20" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽
RH-038B 01-13	20" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽
51-1F067A-B 01-13	20" Gate Valve Bolting 16 Studs and Nuts C-D/C4.2	2253	Valve Body Blocking Access to One End of Studs and Nuts	80% Surface	MT	3,11	24	
51-1F067B-B 01-13	20" Gate Valve Bolting 16 Studs and Nuts C-D/C4.2	2253	Valve Body Blocking Access to One End of Studs and Nuts	80% Surface	MT	3,11	24	
51-HV-1F006A-B 01-13	20" Motorized Gate Valve Bolting. 16 Studs & Nuts C-D/C4.2	2253	Valve Body Blocking Access to One End of Studs and Nuts	80% Surface	MT	3,11	24	
51-HV-1F006B-B 01-13	20" Motorized Gate Valve Bolting. 16 Studs & Nuts C-D/C4.2	2253	Valve Body Blocking Access to One End of Studs and Nuts	80% Surface	MT	3,11	24	

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
RH-109 01-14	Valve (PV-C-1F051A) to 14" x 6" Reducer C-F/C2.1	2247	Joint Configuration Fitting to Fitting Weld	80% Long. 70% Circ.	UT	1	13	
RH-128A 01-14	10" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RH-146 01-14	10" x 6" Reducer to Valve (PV-C-1F051B) C-F/C2.1	2059	1" Drain Line Weld Partial Obstruction of Scan Path	100% Long. 98% Circ.	UT	1	13	
RH-160 01-14	Valve (HV-C-154A) to 10" x 6" Reducer C-F/C2.1	2074	Joint Configuration Fitting to Fitting Weld	75% Long. 60% Circ.	UT	1	13	
RHA-190A 01-15	6" Pipe to Flange B-J/B4.5	2235	Joint Configuration Fitting to Pipe Weld Columnar Structure of Dendritic Weld	30% Long. & Circ.	UT	2	6	
RHA-218 01-16	6" Flued Head (x-17) to Valve (HV-1F023) B-J/B4.5	2077	Joint Configuration Fitting to Fitting Weld	60% Long. & Circ.	UT	7	6	
RHA-225 01-16	6" Pipe to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RH-170A 01-17	18" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RHB-170 01-19	10" Pipe to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RH-177 01-20	8" x 6" Reducer to Valve (HV-130) C-F/C2.1	2256	Joint Configuration Fitting to Fitting Weld	75% Long. 100% Circ.	UT	6	13	
RH-190A 01-20	6" Pipe to Pipe C-F/C2.1	2230	"Permanent" Hanger Complete Obstruction (Refer to Section III Surface and R.T. Exam. Results)	0% Long. & Circ.	UT	16	13	
RH-194A 01-20	6" Pipe to Pipe C-F/C2.1	2231	"Permanent" Hanger Complete Obstruction (Refer to Section III Surface and R.T. Exam. Results)	0% Long. & Circ.	UT	16	13	

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
RH-199A 01-20	6" Pipe to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
RH-200B 01-20	6" Tee to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
RH-203A 01-20	6" Elbow to Valve (PSV-101-A) C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
RH-205A 01-20	6" Pipe to 10" x 6" Sweepolet C-F/C2.1	2262	Joint Configuration	100% Long. 95% Circ.	UT	16	13	1
RH-207AR 01-20	6" Tee to 6" Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
RH-208 01-20	6" Pipe to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
RH-209 01-20	Elbow to 6" Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
RH-210 01-20	6" Pipe to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
RH-221A 01-20	6" Pipe to 10" x 6" Sweepolet C-F/C2.1	2261	Joint Configuration	100% Long. 95% Circ.	UT	16	13	1
51-PSV-1F097-B 01-21	4" x 6" Relief Valve Bolting, 8 Studs & Nuts C-D/C4.2	2253	Valve Body Blocking Access to One End of Studs and Nuts	80% Surface	MT	17	24	1
RHA-244 01-22	Valve (HV-125A) to 18" Pipe C-F/C2.1	2066	Joint Configuration Fitting to Pipe Weld	60% Long. & Circ.	UT	7	13	
RHB-185 01-23	Valve (HV-125B) to 18" Pipe C-F/C2.1	2064	Joint Configuration Fitting to Pipe Weld	60% Long. & Circ.	UT	1	13	
RHR-HXA-N3 01-24	Heat Exchanger Nozzle to Head Weld C-B/C1.2	2224	Sock-O-Let Welded in Scan Path	98% Long & Circ.	UT	1	11	

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
RHR-HXB-N3 01-24	Heat Exchanger Nozzle to Head Weld C-B/C1.2	2224	Sock-O-Let Welded in Scan Path	98% Long. & Circ.	UT	1	11
RHR-HXA-N4 01-24	Heat Exchanger Nozzle to Shell 1 Weld C-B/C1.2	2042	Joint Configuration (Refer to Section III R.T. Results)	80% Long. & Circ.	UT	1	11
RHR-HXB-N4 01-24	Heat Exchanger Nozzle to Shell 1 Weld C-B/C1.2	2057	Joint Configuration (Refer to Section III R.T. Results)	90% Long. & Circ.	UT	1	11
RHR-HXA-3 01-24	Heat Exchanger Shell 3 to Shell 2 Weld C-A/C1.1	2056	Joint Configuration (Refer to Section III R.T. Results)	90% Long. & Circ.	UT	1	21
RHR-HXB-3 01-24	Heat Exchanger Shell 3 To Shell 2 Weld C-A/C1.1	2061	Joint Configuration (Refer to Section III R.T. Results)	90% Long. & Circ.	UT	1	21
RHR-HXA-4 01-24	Heat Exchanger Shell 1 to Flange Weld C-A/C1.1	2233	Studs and Nuts on Flange Side	50% Long. 100% Circ.	UT	1	21
RHR-HXB-4 01-24	Heat Exchanger Shell to Flange Weld C-A/C1.1	2234	Studs and Nuts on Flange Side	50% Long. 100% Circ.	UT	1	21
RHR-HXB-1 01-24	Heat Exchanger Head to Shell 4 Weld C-A/C1.1	2227	Post-Grind Weld Contour	80% Long. 100% Circ.	UT	1	21
RHR-HXB-1-A 01-25	Top Mounting Support A Heat Exchanger C-C/C1.3	2178	Inside Fillet Weld Not Accessible to Exam	100% Outside 0% Inside Fillet	MT	1	12
RHR-HXB-1-B 01-25	Top Mounting Support B Heat Exchanger C-C/C1.3	2177	Inside Fillet Weld Not Accessible to Exam Lifting Lug on Outside	90% Outside 0% Inside Fillet	MT	1	12
RHR-HXB-1-C 01-25	Top Mounting Support C Heat Exchanger C-C/C1.3	2176	Inside Fillet Weld Not Accessible to Exam	100% Outside 0% Inside Fillet	MT	1	12

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
RHR-HXB-1-D 01-25	Top Mounting Support D Heat Exchanger C-C/C1.3	2186	Inside Fillet Weld Not Accessible to Exam	100% Outside 0% Inside Fillet	MT	1	12
RHR-HXB-2-A 01-25	Bottom Mounting Support A Heat Exchanger C-C/C1.3	2186	I-Beam Obstructing Bottom Outside Fillet Weld	75%Outside 100% Inside Fillet	MT	1	12
RHR-HXB-2-C 01-25	Bottom Mounting Support C Heat Exchanger C-C/C1.3	2203	I-Beam Obstructing Bottom Outside Fillet Weld	75% Outside 100% Inside Fillet	MT	1	12
RHR-HXB-2-D 01-25	Bottom Mounting Support D Heat Exchanger C-C/C1.3	2199	I-Beam Obstructing Bottom Outside Fillet Weld	75% Outside 100% Inside Fillet	MT	1	12
RHR-HXA-1-A 01-25	Top Mounting Support A Heat Exchanger C-C/C1.3	2255	Inside Fillet Weld Not Accessible to Exam	100% Outside 0% Inside Fillet	MT	1	12
RHR-HXA-1-B 01-25	Top Mounting Support B Heat Exchanger C-C/C1.3	2185	Inside Fillet Weld Not Accessible to Exam	100% Outside 0% Inside Fillet	MT	1	12
RHR-HXA-1-C 01-25	Top Mounting Support C Heat Exchanger C-C/C1.3	2188	Inside Fillet Weld Not Accessible to Exam	100% Outside 0% Inside Fillet	MT	1	12
RHR-HXA-1-D 01-25	Top Mounting Support D Heat Exchanger C-C/C1.3	2189	Inside Fillet Welds Not Accessible to Exam	100% Outside 0% Inside Fillet	MT	1	12
RHR-HXA-2A 01-25	Bottom Mounting Support A Heat Exchanger C-C/C1.3	2204	Inside Fillet Weld I-Beam Obstructing Outside Not Accessible to Exam	75% Outside 0% Inside Fillet	MT	1	12
RHR-HXA-2B 01-25	Bottom Mounting Support B Heat Exchanger C-C/C1.3	2179	Inside Fillet Weld I-Beam Obstructing Outside Not Accessible to Exam	75% Outside 0% Inside Fillet	MT	1	12

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
RHR-HXA-2C 01-25	Bottom Mounting Support C Heat Exchanger C-C/C1.3	2195	Inside Fillet Weld I-Beam Obstructing Outside Not Accessible to Exam	75% Outside 0% Inside Fillet	MT	1	12	
RHR-HXA-2D 01-25	Bottom Mounting Support D Heat Exchanger C-C/C1.3	2183	Inside Fillet Weld I-Beam Obstructing Outside Not Accessible to Exam	75% Outside 0% Inside Fillet	MT	1	12	
RHA-255 01-26	18" Elbow to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽
RHA-258 01-26	22" Elbow to Valve (HV-0182A) C-F/C2.1	2062	Joint Configuration Fitting to Pipe Weld	75% Long. & Circ.	UT	1	13	
RHA-259 01-26	Valve (HV-182A) to 18" x 22" Reducer C-F/C2.1	2250	Joint Configuration Fitting to Fitting Weld	80% Long. & Circ.	UT	1	13	
RHB-193R 01-26	18" x 22" Reducer to Valve (HV-182B) C-F/C2.1	2263	Joint Configuration	90% Long. 100% Circ.	UT	1	13	▽
RHB-194 01-26	Valve (HV-182B) to 18" x 22" Reducer C-F/C2.1	2091	Sock-O-Let in Weld Scan Area	100% Long. 95% Circ.	UT	1	13	▽
RHA-P-E 01-27	Elbow to Outlet Head Weld, Pump A C-F/C3.1	2097	Joint Configuration	90% Long. & Circ.	UT	11	17	
RHA-P-F 01-27	Flange to Outlet Elbow Weld, Pump A C-F/C3.1	2097	Joint Configuration	90% Long. & Circ.	UT	11	17	
RHA-P-G 01-27	Stuffing Box to Outlet Elbow Weld, Pump A C-F/C3.1	2097	Joint Configuration	90% Long. & Circ.	UT	11	17	
RHA-P-A1 01-27	Pump A Support Anchor 1-1/4" Dia. Bolted C-E-2/C3.4	N/A	Incased in Cement	100% of Accessible Bolting	VT	11	18	

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
RHB-P-E 01-27	Elbow to Outlet Head Weld, Pump B C-F/C3.1	2097	Joint Configuration	90% Long. & Circ.	UT	11	17
RHB-P-F 01-27	Flange to Outlet Elbow Weld, Pump B C-F/C3.1	2097	Joint Configuration	90% Long & Circ.	UT	11	17
RHB-P-G 01-27	Stuffing Box to Outlet Elbow Weld, Pump B C-F/C3.1	2097	Joint Configuration	90% Long. & Circ.	UT	11	17
RHB-P-A1 01-27	Pump B Support Anchor 1-1/4" Dia. Bolted C-E-2/C3.4	N/A	Incased in Cement	100% of Accessible Bolting	VT	11	18
RHC-P-E 01-27	Elbow to Outlet Head Weld, Pump C C-F/C3.1	2063	Joint Configuration	50% Long. & Circ.	UT	11	17
RHC-P-F 01-27	Flange to Outlet Elbow Weld Pump, C C-F/C3.1	2063	Joint Configuration	50% Long. & Circ.	UT	11	17
RHC-P-G 01-27	Stuffing Box to Outlet Elbow Weld, Pump C C-F/C3.1	2063	Joint Configuration	50% Long. & Circ.	UT	11	17
RHC-P-A1 01-27	Pump C Support Anchor 1-1/4" Dia. Bolted C-E-2/C3.4	N/A	Incased in Cement	100% of Accessible Bolting	VT	11	18
RHD-P-E 01-27	Elbow to Outlet Head Weld, Pump D C-F/C3.1	2070	Joint Configuration	90% Long. & Circ.	UT	11	17
RHD-P-F 01-27	Flange to Outlet Elbow Weld, Pump D C-F/C3.1	2070	Joint Configuration	90% Long. & Circ.	UT	11	17
RHD-P-G 01-27	Stuffing Box to Outlet Elbow Weld, Pump D C-F/C3.1	2070	Joint Configuration	90% Long. & Circ.	UT	11	17

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
RHD-P-A1 01-27	Pump D Support Anchor 1-1/4" Dia. Bolted C-E-2/C3.4	N/A	Incased in Cement	100% of Accessible Bolting	VT	11	18
GBB-118-H8 01-102	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-118-H901 01-102	Pipe Support, Anchor Sleeve C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-118-H73 01-102	Pipe Support, 16 Lugs C-E-1/C2.5	2135	Adjoining Clamp Refer to ASME Section III Inspection Results	80% Surface	MT	1	16
GBB-118-H1 01-103	Pipe Support, 8 Lugs C-E-1/C2.5	2118	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	1	16
GBB-118-H902 01-103	Pipe Support, Saddle C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-101-H21 01-103	Pipe Support, 8 Lugs C-E-1/C2.5	2139	Adjoining Clamp Refer to ASME Section III Inspection Results	70% Surface	MT	1	16
GBB-101-H18 01-103	Pipe Support, 4 Lugs C-E-1/C2.5	2142	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	1	16
HBB-117-H18 01-103	Pipe Support, 8 Lugs C-E-1/C2.5	2182	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	11	16
HBB-117-H1 01-103	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	11	16
HBB-117-X-203A 01-103	Penetration Support, Suppression Pool Liner Insert Plate Weld C-E-1/C2.5	N/A	Refer to ASME Section III Inspection Results	0% Surface	MT	11	16
GBB-118-H17 01-103	Pipe Support, 4 Lugs C-E-1/C2.5	2127	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	1	16

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
GBB-117-H20 01-103	Pipe Support, 8 Lugs C-E-1/C2.5	2116	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	1	16
GBB-117-H6 01-103	Pipe Support, 8 Lugs C-E-1/C2.5	2147	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	1	16
GBB-117-H18 01-103	Pipe Support, 8 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-102-H34 01-103	Pipe Support, 8 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-118-H903 01-105	Pipe Support, Sleeve C-E-1/C2.5	2144	Adjacent Hanger Refer to ASME Section III Inspection Results	90% Surface	MT	1	16
GBB-118-H904 01-105	Pipe Support, Sleeve C-E-1/C2.5	2191	Adjacent Hanger and House Steel. Refer to ASME Section III Inspection Results	20% Surface	MT	1	16
GBB-107-H19 01-105	Pipe Support, 4 Lugs C-E-1/C2.5	2184	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	1	16
GBB-118-H49 01-106	Pipe Support, 8 Lugs C-E-1/C2.5	2167	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	1	16
GBB-118-H16 01-106	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-118-H905 01-106	Pipe Support, 8 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-118-H62 01-106	Pipe Support, 8 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-101-H7 01-106	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-101-H4 01-106	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
GBB-101-H26 01-106	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	11	16
HBB-118-H50 01-106	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	11	16
HBB-117-H19 01-106	Pipe Support C-E-1/C2.5	N/A	N/A	100% Surface	MT	11	16
HBB-117-H6 01-106	Pipe Support C-E-1/C2.5	N/A	N/A	100% Surface	MT	11	16
HBB-117-H5 01-106	Pipe Support C-E-1/C2.5	N/A	N/A	100% Surface	MT	11	16
HBB-117-X-203B 01-106	Penetration Support, Suppression Pool Liner Insert Plate Weld C-E-1/C2.5	N/A	Refer to ASME Section III Inspection Results	0% Surface	MT	11	16
GBB-120-H7 01-106	Pipe Support, 12 Lugs C-E-1/C2.5	2166	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	1	16
GBB-118-H11 01-106	Pipe Support, 4 Lugs C-E-1/C2.5	2172	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	1	16
GBB-117-H4 01-106	Pipe Support, 8 Lugs C-E-1/C2.5	2175	Adjoining Clamp Refer to ASME Section III Inspection Results	80% Surface	MT	1	16
GBB-117-H3 01-106	Pipe Support, 8 Lugs C-E-1/C2.5	2214	Adjoining Clamp Refer to ASME Section III Inspection Results	80% Surface	MT	1	16
GBB-119-H15 01-107	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-119-H12 01-107	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-119-H902 01-107	Pipe Support, Sleeve C-E-1/C2.5	2154	Hanger Configuration. Longitudinal Weld Inaccessible. Refer to ASME Section III	50% Surface	MT	1	16

LIMERICK GENERATING STATION, UNIT 1
COMPONENT SUMMARY TABLE, PART 1, REV. 1

Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
			Inspection Results.				
GBB-119-H2 01-107	Pipe Support, 4 Lugs C-E-1/C2.5	2109	Adjacent Hanger, Pipe and Wall. Refer to ASME Section III Inspection Results.	50% Surface	MT	1	16
GBB-119-H41 01-107	Pipe Support, 8 Lugs C-E-1/C2.5	2128	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	1	16
GBB-119-H44 01-107	Pipe Support, 8 Lugs C-E-1/C2.5	2180	Adjoining Clamp Refer to ASME Section III Inspections Results	90% Surface	MT	1	16
GBB-119-H901 01-107	Pipe Support, Sleeve C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-119-H23 01-107	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-119-H92 01-107	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-119-H95 01-107	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-119-H11 01-108	Pipe Support, 8 Lugs C-E-1/C2.5	2122	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	1	16
HBB-118-H81 01-108	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
HBB-118-H80 01-108	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
HBB-117-H22 01-108	Pipe Support, 8 Lugs C-E-1/C2.5	2124	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	1	16
HBB-117-X-203C 01-108	Penetration Support, Suppression Pool Liner Insert Plate Weld C-E-1/C2.5	N/A	Refer to ASME Section III Inspections Results	0% Surface	MT	11	16

LIMERICK GENERATING STATION, UNIT 1
COMPONENT SUMMARY TABLE, PART 1, REV. 1

Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
GBB-119-H27 01-109	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-119-H32 01-109	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-119-H904 01-109	Pipe Support, Sleeve C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-119-H68 01-109	Pipe Support, 4 Lugs C-E-1/C2.5	2126	Adjoining Clamp Refer to ASME Section III Inspections Results	90% Surface	MT	1	16
GBB-119-H903 01-109	Pipe Support, Sleeve C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-119-H18 01-109	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
GBB-119-H60 01-109	Pipe Support, 4 Lugs C-E-1/C2.5	2120	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	1	16
GBB-119-H17 01-110	Pipe Support, 12 Lugs C-E-1/C2.5	2155	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	1	16
HBB-118-H84 01-110	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
HBB-118-H83 01-110	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
HBB-117-H21 01-110	Pipe Support, 8 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16
HBB-117-X-203D 01-110	Penetration Support, Suppression Pool Liner Insert Plate Weld C-E-1/C2.5	N/A	Refer to ASME Section III Inspection Results	0% Surface	MT	11	16
HBB-118-H1 01-112	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	3	16

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
HBB-118-H3 01-112	Pipe Support, 12 Lugs C-E-1/C2.5	2148	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	3	16	
HBB-119-H2 01-112	Pipe Support, 12 Lugs C-E-1/C2.5	2132	HBB-119-H8 Hanger Refer to ASME Section III Inspection Results	95% Surface	MT	3	16	
HBB-119-H901 01-112	Pipe Support, Sleeve C-E-1/C2.5	N/A	N/A	100% Surface	MT	3	16	
HBB-119-H902 01-112	Pipe Support, Sleeve C-E-1/C2.5	2117	Attachment Plate on Sleeve Refer to ASME Section III Inspection Results	98% Surface	MT	3	16	
HBB-118-H69 01-113	Pipe Support C-E-1/C2.5	2267	Gussets, Refer to ASME Section III Inspection Results	90% Surface	MT	3	16	| ▽1
HBB-118-H35 01-113	Pipe Support, 12 Lugs C-E-1/C2.5	2202	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	3	16	
HBB-118-H13 01-113	Pipe Support Saddle C-E-1/C2.5	2266	Gussets, Refer to ASME Section III Inspection Results	90% Surface	MT	3	16	| ▽1
HBB-118-H12 01-113	Pipe Support, 8 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	3	16	| ▽1
HBB-118-H13 01-113	Pipe Support, Saddle C-E-1/C2.5	N/A	N/A	100% Surface	MT	3	16	
HBB-118-H42 01-113	Pipe Support, 8 Lugs C-E-1/C2.5	2164	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	3	16	
EBB-121-H902 01-114	Pipe Support, Sleeve C-E-1/C2.5	2104	Floor Elevation 217 Blocking Access Refer to ASME Section III Inspection Results	65% Surface	MT	1	16	
EBB-103-H1 01-114	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	1	

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COMPONENT SUMMARY TABLE, PART 1, REV. 1

Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
ECB-111-H1 01-116	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	18	16	
GBB-111-H4 01-117	Pipe Support, 8 Lugs C-E-1/C2.5	2123	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	1	16	
HBB-140-H10 01-118	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	17	16	
HBB-140-H1 01-119	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	17	16	▽1
HBB-160-X-225 01-120	Penetration Support, Suppression Pool Liner Insert Plate Weld C-E-1/C2.5	N/A	Refer to ASME Section III Inspection Results	0% Surface	MT	6	16	
HBB-160-H1 01-120	Pipe Support, 8 Lugs C-E-1/C2.5	2136	Adjoining Clamp and Hanger. Refer to ASME Section III Inspection Results	60% Surface	MT	6	16	
HBB-160-H2 01-120	Pipe Support, 8 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	6	16	
HBB-160-H16 01-120	Pipe Support, 8 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	6	16	
GBB-108-H11 01-122	Pipe Support, 8 Lugs C-E-1/C2.5	2174	Refer to ASME Section III Inspection Results	90% Surface	MT	1	16	
GBB-108-H4 01-123	Pipe Support, 12 Lugs C-E-1/C2.5	2152	Adjoining Clamp and Hanger Refer to ASME Section III Inspection Results	90% Surface	MT	1	16	
GBB-119-H100 01-126	Pipe Support C-E-1/C2.5	N/A	N/A	100% Surface	MT	1	16	
HP-011 02-01	10" Pipe to Elbow B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	▽1
HP-012 02-01	10" Elbow to Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	▽1
HP-013A 02-01	10" Tee to Blind Flange B-J/B4.5	2192	Joint Configuration Fitting to Fitting Weld	70% Long. & Circ.	UT	4	6	

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COMPONENT SUMMARY TABLE, PART 1, REV. 1

Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
HP-021 02-01	10" Flued Head (X-11) to Valve (HV-1F003) B-J/B4.5	2141	Joint Configuration Fitting to Fitting Weld	90% Long. & Circ.	UT	2	6	
HP-022 02-01	Valve (HV-1F003) to 10" x 12" Reducer C-F/C2.1	2246	Proximity of Adjacent Sock-O-Let to Weld	100% Long. 90% Circ.	UT	2	13	
HP-024ARII 02-01	12" Pipe to Pipe C-F/C2.1	2264	Joint Configuration	90% Long. 100% Circ.	UT	8	13	▽
55-HV-1F001-B 02-02	10" Motorized Globe Valve Bolting 8 Studs and Nuts C-D/C4.2	2254	Valve Cover Blocking Access to 1 Flat on 4 Nuts	92% Surface	MT	2	24	
HP-082 02-03	20" x 12" Reducer to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽
HP-085 02-03	12" Pipe to Elbow C-F/C2.1	2157	Proximity of Adjacent Welded Drain Line in Pipe to Scan Path	80% Long. & Circ.	UT	8	13	
HP-087 02-03	Valve (HV-1F072) to Flued Head (X-210) C-F/C2.1	2206	Joint Configuration Fitting to Fitting Weld	70% Long. & Circ.	UT	7	13	
55-HV-1F006-B 02-04	12" Motorized Gate Valve Bolting 8 Studs and Nuts C-D/C4.2	2254	Valve Cover Blocking Access to 1 Flat on 4 Nuts	92% Surface	MT	8	24	
HP-102 02-04	14" Pipe to Elbow C-F/C2.1	2106	Penetration blocking 50% of Scan Path	50% Long. 75% Circ.	UT	8	13	
HP-113 02-04	14" x 14" x 10" Tee to Flange (FO-1D010A) C-F/C2.1	2098	Joint Configuration Fitting to Fitting Weld	100% Long. 40% Circ.	UT	8	13	
55-HV-1F007-B 02-04	14" Motorized Gate Valve Bolting 8 Studs and Nuts C-D/C4.2	2254	Valve Cover Blocking Access to 1 Flat on 4 Nuts	92% Surface	MT	8	24	

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
HP-122 02-05	Elbow to 14" Pipe C-F/C2.1	2002	Proximity of Weld to Floor Penetration	50% Long. & Circ.	UT	8	13
HP-137R 02-05	14" x 10" Reducer to Pump (10P204) Discharge C-F/C2.1	2053	Joint Configuration Fitting to Fitting Weld	80% Long. 100% Circ.	UT	8	13
EBB-108-H22 02-101	Pipe Support, 4 Lugs C-E-1/C2.5	2138	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	8	16
EBB-108-H901 02-102	Pipe Support, Sleeve C-E-1/C2.5	N/A	N/A	100% Surface	MT	8	16
EBB-108-H8 02-102	Pipe Support, 8 Lugs C-E-1/C2.5	2218	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	8	16
EBB-108-H4 02-102	Pipe Support, 8 Lugs C-E-1/C2.5	2143	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	8	16
EBB-108-H38 02-102	Pipe Support, 4 Lugs C-E-1/C2.5	2131	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	8	16
HBB-108-H4 02-103	Pipe Support, 12 Lugs C-E-1/C2.5	2223	Adjoining Clamp Refer to ASME Section III Inspection Results	80% Surface	MT	8	16
HBB-108-H3A 02-103	Pipe Support, 8 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	8	16
HBB-108-H6 02-103	Pipe Support, 8 Lugs C-E-1/C2.5	2134	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	8	16
HBB-108-H5 02-103	Pipe Support, 8 Lugs C-E-1/C2.5	2133	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	8	16
EBB-129-H43 02-104	Pipe Support, 8 Lugs C-E-1/C2.5	2173	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	8	16

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Component Ident. No. / Isometric Dwg. No.	Component Description / Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
EBB-129-H902 02-104	Pipe Support, Stanchion C-E-1/C2.5	2108	Hanger, Floor and Wall Refer to ASME Section III Inspection Results	75% Surface	MT	8	16
EBB-129-H11 02-104	Pipe Support, Saddle C-E-1/C2.5	N/A	N/A	100% Surface	MT	8	16
EBB-129-H901 02-105	Pipe Support, Saddle C-E-1/C2.5	2110	Hanger and Wall Refer to ASME Section III Inspection Results	50% Surface	MT	8	16
EBB-129-H5 02-105	Pipe Support, Saddle C-E-1/C2.5	2114	Hanger Clamp EBB-129-H4 Refer to ASME Section III Inspection Results	50% Surface	MT	8	16
EBB-129-H4 02-105	Pipe Support, 8 Lugs C-E-1/C2.5	2115	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	8	16
HP-P-B 02-106	Pump Casing Stud Bolting 38 1-3/4" Dia. Studs C-D/C3.2	2232	Pump Manufacturer's Visual Inspection Considered Adequate	100% UT 0% Visual	VT	8	23
HP-P-A 02-106	Pump Support, Anchor 8 1-1/4" Dia. Studs C-E-2/C3.4	N/A	Incased in Cement	100% of Accessible Bolting	VT	8	18
EBB-129-H903 02-107	Pipe Support, Sleeve C-E-1/C2.5	N/A	N/A	100% Surface	MT	8	16
MSA-023 03-01	26" Flued Head (x-7A) to Valve (HV-1F028A) B-J/B4.5	2037	Joint Configuration Fitting to Fitting Weld	95% Long. 70% Circ.	UT	2	6
MSB-025 03-01	26" Flued Head (x-7B) to Valve (HV-1F028B) B-J/B4.5	2050	Joint Configuration Fitting to Fitting Weld	60% Long. 85% Circ.	UT	2	6
MSA-025 03-03	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSA-025LD-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
MSA-025LD-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSA-026 03-03	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSA-026LU-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSA-026LU-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSA-027 03-03	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSA-027LD-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSA-027LD-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSA-028 03-03	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSA-028LU-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSA-028LU-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSA-029 03-03	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
MSA-029LD-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2337	Base Metal	100%	RT	13	15	
MSA-029LD-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSA-030 03-03	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15	
MSA-030LU-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSA-030LU-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSA-030B 03-03	26" Pipe to Pipe C-F/C2.1	NA	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽
MSA-031 03-03	26" Pipe to Elbow C-F/C2.1	2337	Base Metal	100%	RT	13	15	
MSA-031LD-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSA-031LD-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSA-032 03-03	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15	
MSA-032LU-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSA-032LU-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
MSA-034 03-03	26" x 26" x 14"Tee to 26" Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSA-034LD-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSA-034LD-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSA-035 03-03	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSA-035LU-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSA-035LU-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSB-027 03-03	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSB-027LD-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSB-027LD-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSB-028 03-03	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSB-028LU-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSB-028LU-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
MSB-029 03-03	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSB-029LD-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSB-029LD-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSB-030 03-03	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSB-030LU-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSB-030LU-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSB-031 03-03	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSB-031LD-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSB-031LD-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSB-032 03-03	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSB-032LU-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSB-032LU-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSB-034 03-03	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
MSB-034LD-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSB-034LD-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSB-035 03-03	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15	
MSB-035LU-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSB-035LU-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSB-038 03-03	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15	
MSB-038LD-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSB-038LD-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSB-039 03-03	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15	
MSB-039LU-Min. 03-03	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSB-039LU-Max. 03-03	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSD-019 03-04	26" Elbow to Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	▽1

LIMERICK GENERATING STATION, UNIT 1
COMPONENT SUMMARY TABLE, PART 1, REV. 1

Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
MSD-023 03-04	26" Flued Head (x-7D) to Valve (HV-1F028D) B-J/C4.5	2039	Joint Configuration Fitting to Fitting Weld	75% Long. 90% Circ.	UT	2	6
MSC-025 03-05	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSC-025LD-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-025LD-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-026 03-05	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSC-026LU-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-026LU-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-027 03-05	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSC-027LD-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-027LD-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-028 03-05	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSC-028LU-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15

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COMPONENT SUMMARY TABLE, PART 1, REV. 1

Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
MSC-028LU-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-029 03-05	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSC-029RLD-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-029RLD-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-030 03-05	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSC-030LU-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-030LU-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-031 03-05	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSC-031LD-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-031LD-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-032 03-05	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSC-032LU-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
MSC-032LU-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-034 03-05	24" x 26" x 14" Tee to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSC-034LD-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-034LD-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-035 03-05	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSC-035LU-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-035LU-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSC-036 03-05	26" Pipe to 8" Sweep-O-Let C-F/C2.3	2003	Adjacent Nozzle Blocking Scan Path	100% Long. 90% Circ.	UT	13	22
41-HV-111-B 03-05	8" Motorized Gate Valve Bolting 8 Studs and Nuts C-D/C4.2	2252	Valve Cover Blocking Access to 1/2 of 4 Nuts	75% Surface	MT	13	24
MSD-025 03-05	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSD-025LD-Min. 03-02	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSD-025LD-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
MSD-026 03-05	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSD-026LU-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSD-026LU-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSD-027 03-05	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSD-027LD-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSD-027LD-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSD-028 03-05	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSD-028LU-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSD-028-LU-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSD-029 03-05	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15
MSD-029LD-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15
MSD-029LD-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
MSD-030 03-05	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15	
MSD-030LU-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSD-030LU-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSD-030A 03-05	26" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽1
MSD-030B 03-05	26" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽1
MSD-031 03-05	26" Pipe to Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15	
MSD-031LD-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSD-031LD-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSD-032 03-05	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15	
MSD-032LU-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSD-032LU-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSD-034 03-05	26" x 26" x 14" Tee to 26" Elbow C-F/C2.1	2237	Base Metal	100%	RT	13	15	
MSD-034LD-Min. 03-05	Elbow Seam Min. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
MSD-034LD-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSD-035 03-05	26" Elbow to Pipe C-F/C2.1	2237	Base Metal	100%	RT	13	15	
MSD-035LU-Min. 03-05	Elbow Seam Min.Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSD-035LU-Max. 03-05	Elbow Seam Max. Radius C-F/C2.2	2237	Base Metal	100%	RT	13	15	
MSD-036 03-05	26" Pipe to 6" Sweepolet C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
MS-014 03-06	26" x 26" x 14" Tee to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
MS-017 03-06	14" Pipe to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
MS-034 03-06	18" Elbow to Turbine By-Pass Valves C-F/C2.1	2001	Proximity of Welded Hanger to Weld Scan Area	100% Long. 65% Circ.	UT	15	13	
EBB-104-H13 03-103	Pipe Support, Sleeve C-E-1/C2.5	N/A	N/A	100% Surface	MT	13	16	
EBB-103-H13 03-103	Pipe Support, Sleeve C-E-1/C2.5	N/A	N/A	100% Surface	MT	13	16	
EBB-102-H3 03-105	Pipe Support, Sleeve C-E-1/C2.5	N/A	N/A	100% Surface	MT	13	16	
EBB-101-H13 03-105	Pipe Support, Sleeve C-E-1/C2.5	N/A	N/A	100% Surface	MT	13	16	
EBB-106-H6 03-106	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	13	16	

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
CSA-012 04-01	12" Elbow to Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	▽
CSA-015 04-01	Flued Head (x-16A) to Valve (HV-1F005) B-J/B4.5	2067	Joint Configuration Fitting to Fitting Weld	60% Long. & Circ.	UT	2	6	
CSA-021C 04-02	14" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽
CSA-036A 04-03	12" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽
CSA-043 04-03	12" Elbow to Valve (1F003A) C-F/C2.1	2238	Joint Configuration Fitting to Fitting Weld	90% Long. & Circ.	UT	14	13	
CSA-055 04-03	16" Pipe to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽
CSA-056A 04-03	16" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽
CSA-069 04-03	12" Elbow to Valve (1F003C) C-F/C2.1	2238	Joint Configuration Fitting to Fitting Weld Weld-O-Let in Scan Path	95% Long. & Circ.	UT	14	13	
CSB-010 04-04	Valve (HV-1F006B) to 12" Pipe B-J/B4.5	2105	Joint Configuration Fitting to Pipe Weld	95% Long. 90% Circ.	UT	2	6.25	▽
CSB-015 04-04	Flued Head (x-16B) to Valve (HV-108) B-J/B4.5	2085	Joint Configuration Fitting to Fitting Weld	40% Long. & Circ.	UT	2	6	
CSB-019 04-05	12" Elbow to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽
CSB-027 04-05	14" Elbow to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	▽
CSB-049 04-06	12" Elbow to Valve (1F003B) C-F/C2.1	2238	Joint Configuration Fitting to Fitting Weld Weld-O-Let in Scan Path	90% Long. & Circ.	UT	14	13	

Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
CSB-075 04-06	12" Elbow to Valve (1F003D) C-F/C2.1	2238	Joint Configuration Fitting to Fitting Weld Weld-O-Let in Scan Path	95% Long. & Circ.	UT	14	13	
CSB-058R 04-07	16" x 16" x 14" Tee to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
CSB-062 04-07	16" Elbow to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
CSB-071A 04-07	Valve (HV-1F001B) to Flued Head (x-206B) C-F/C2.1	2071	Joint Configuration Fitting to Fitting Weld	70% Long. & Circ.	UT	5	13	
CSB-086A 04-07	14" Pipe to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
CSB-092R 04-07	16" Elbow to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
CSB-094R 04-07	16" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
CSC-002 04-08	6" Pipe to Valve (HV-127) C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
CSC-008A 04-08	Elbow to 6" Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	1
CSA-P-A 04-09	Pump A Inlet Flange to Nozzle Weld C-F/C3.1	2225	Incased in Cement	0% Long. & Circ.	UT	14	17	
CSA-P-B 04-09	Pump A Inlet Nozzle to Casing Weld C-F/C3.1	2225	Incased in Cement	0% Long. & Circ.	UT	14	17	
CSA-P-C 04-09	Pump A Casing Weld C-F/C3.1	2225	Incased in Cement	0% Long. & Circ.	UT	14	17	
CSA-P-D 04-09	Pump A Outlet Head to Casing Weld C-F/C3.1	2225	Incased in Cement	0% Long. & Circ.	UT	14	17	

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
CSA-P-E 04-09	Pump A Elbow to Outlet Head Weld C-F/C3.1	2095	Joint Configuration	90% Long. & Circ.	UT	14	17
CSA-P-F 04-09	Pump A Flange to Outlet Elbow Weld C-F/C3.1	2095	Joint Configuration	90% Long. & Circ.	UT	14	17
CSA-P-G 04-09	Pump A Stuffing Box to Outlet Elbow Weld C-F/C3.1	2095	Joint Configuration	90% Long. & Circ.	UT	14	17
CSA-P-A1 04-09	Pump A Support Anchor 1-1/4" Dia. Bolted C-E-2/C3.4	N/A	Incased in Cement	100% of Accessible Bolting	VT	14	18
CSB-P-A 04-09	Pump B Inlet Flange to Nozzle Weld C-F/C3.1	2225	Incased in Cement	0% Long. & Circ.	UT	14	17
CSB-P-B 04-09	Pump B Inlet Nozzle to Casing Weld C-F/C3.1	2225	Incased in Cement	0% Long. & Circ.	UT	14	17
CSB-P-C 04-09	Pump B Casing Weld C-F/C3.1	2225	Incased in Cement	0% Long. & Circ.	UT	14	17
CSB-P-D 04-09	Pump B Outlet Head to Casing Weld C-F/C3.1	2225	Incased in Cement	0% Long. & Circ.	UT	14	17
CSB-P-E 04-09	Pump B Elbow to Outlet Head Weld C-F/C3.1	2093	Joint Configuration	90% Long. & Circ.	UT	14	17
CSB-P-F 04-09	Pump B Flange to Outlet Elbow Weld C-F/C3.1	2093	Joint Configuration	90% Long. & Circ.	UT	14	17
CSB-P-G 04-09	Pump B Stuffing Box to Outlet Elbow Weld	2093	Joint Configuration	75% Long. & Circ.	UT	14	17
CSB-P-A1 04-09	Pump B Support Anchor 1-1/4" Dia. Bolted C-E-2/C3.4	N/A	Incased in Cement	100% of Accessible Bolting	VT	14	18

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
CSC-P-A 04-09	Pump C Inlet Flange to Nozzle Weld C-F/C3.1	2225	Incased in Cement	0% Long. & Circ.	UT	14	17
CSC-P-B 04-09	Pump C Inlet Nozzle to Casing Weld C-F/C3.1	2225	Incased in Cement	0% Long. & Circ.	UT	14	17
CSC-P-C 04-09	Pump C Casing Weld C-F/C3.1	2225	Incased in Cement	0% Long. & Circ.	UT	14	17
CSC-P-D 04-09	Pump C Outlet Head to Casing Weld C-F/C3.1	2225	Incased in Cement	0% Long. & Circ.	UT	14	17
CSC-P-E 04-09	Pump C Elbow to Outlet Head Weld C-F/C3.1	2095	Joint Configuration	90% Long. & Circ.	UT	14	17
CSC-P-F 04-09	Pump C Flange to Outlet Elbow Weld C-F/C3.1	2095	Joint Configuration	90% Long. & Circ.	UT	14	17
CSC-P-G 04-09	Pump C Stuffing Box to Outlet Elbow Weld C-F/C3.1	2095	Joint Configuration	90% Long. & Circ.	UT	14	17
CSC-P-A1 04-09	Pump C Support Anchor 1-1/4" Dia. Bolted C-E-2/C3.4	N/A	Incased in Cement	100% of Accessible Bolting	VT	14	18
CSD-P-A 04-09	Pump D Inlet Flange to Nozzle Weld C-F/C3.1	2225	Incased in Weld	0% Long. & Circ.	UT	14	17
CSD-P-B 04-09	Pump D Inlet Nozzle to Casing Weld C-F/C3.1	2225	Incased in Weld	0% Long. & Circ.	UT	14	17
CSD-P-C 04-09	Pump D Casing Weld C-F/C3.1	2225	Incased in Weld	0% Long. & Circ.	UT	14	17
CSD-P-D 04-09	Pump D Outlet Head to Casing Weld C-F/C3.1	2225	Incased in Weld	0% Long. & Circ.	UT	14	17

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
CSD-P-E 04-09	Pump D Elbow to Outlet Head Weld C-F/C3.1	2093	Joint Configuration	90% Long. & Circ.	UT	14	17
CSD-P-F 04-09	Pump D Flange to Outlet Elbow Weld C-F/C3.1	2093	Joint Configuration	90% Long. & Circ.	UT	14	17
CSD-P-G 04-09	Pump D Stuffing Box to Outlet Elbow Weld C-F/C3.1	2093	Joint Configuration	90% Long. & Circ.	UT	14	17
CSD-P-A1 04-09	Pump D Support Anchor 1-1/4" Dia. Bolted C-E-2/C3.4	N/A	Incased in Cement	100% of Accessible Bolting	VT	14	18
GBB-113-H9 04-102	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	14	16
GBB-113-H8 04-102	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	14	16
GBB-113-H7 04-102	Pipe Support, 4 Lugs C-E-1/C2.5	2181	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	14	16
GBB-113-H901 04-102	Pipe Support, Sleeve C-E-1/C2.5	N/A	N/A	100% Surface	MT	14	16
GBB-115-X-207A 04-102	Penetration Support, Suppression Pool Liner Insert Plate Weld C-E-1/C2.5	N/A	Refer to ASME Section III Inspection Results	0% Surface	MT	14	16
GBB-113-H1 04-103	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	14	16
HBB-120-H30 04-103	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	11	16
HBB-120-H19 04-103	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	14	16
HBB-120-X-206A 04-103	Penetration Support, Suppression Pool Liner Insert Plate Weld	N/A	Refer to ASME Section III Inspection Results	0% Surface	MT	5	16

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
GBB-113-H6 04-103	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	14	16	
HBB-120-H31 04-103	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	11	16	
HBB-120-X-206C 04-103	Penetration Support, Suppression Pool Liner Insert Plate Weld C-E-1/C2.5	N/A	Refer to ASME Section III Inspection Results	0% Surface	MT	5	16	▽
EBB-131-H8 04-105	Pipe Support, 8 Lugs C-E-1/C2.5	2209	Adjoining Hanger Refer to ASME Section III Inspection Results	95% Surface	MT	8	16	
GBB-112-H50 04-105	Pipe Support, 16 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	14	16	
GBB-112-H37 04-105	Pipe Support, 4 Lugs C-E-1/C2.5	N/A	N/A	100% Surface	MT	14	16	
GBB-112-H901 04-105	Pipe Support, Anchor C-E-1/C2.5	N/A	N/A	100% Surface	MT	14	16	
GBB-114-X-207B 04-105	Penetration Support, Suppression Pool Liner Insert Plate Weld C-E-1/C2.5	N/A	Refer to ASME Section III Inspection Results	0% Surface	MT	14	16	
GBB-112-H1 04-106	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	14	16	
GBB-112-H10 04-106	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	14	16	
HBB-120-H32 04-107	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	14	16	
HBB-120-X-206B 04-107	Penetration Support, Suppression Pool Liner Insert Plate Weld C-E-1/C2.5	N/A	Refer to ASME Section III Inspection Results	0% Surface	MT	5	16	▽
HBB-120-H13 04-107	Pipe Support, Stanchion C-E-1/C2.5	N/A	N/A	100% Surface	MT	14	16	

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
HBB-120-X-206D 04-107	Penetration Support, Suppression Pool Liner Insert Plate Weld C-E-1/C2.5	N/A	Refer to ASME Section III Inspection Results	0% Surface	MT	5	16	
FWA-019A 05-01	12" Pipe to Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
FWA-028 05-01	24" x 24" x 12" Tee to 24" Elbow B-J/B4.5	2241	Joint Configuration Fitting to Fitting Weld	60% Long. & Circ.	UT	4	6	
FWA-030 05-01	24" Pipe to Valve (HV-1F011A) B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
FWA-032 05-01	24" Elbow to Valve (HV-1F010A) B-J/B4.5	2052	Joint Configuration Fitting to Fitting Weld	75%Long. & Circ.	UT	4,9	6	
FWA-034 05-01	24" Flued Head (x-9A) to Valve (HV-1F074A) B-J/B4.5	2055	Joint Configuration Fitting to Fitting Weld	40% Long. & Circ.	UT	2	6	
FWA-037 05-02	24" x 24" x 16" Tee to Valve (HV-1F032A) C-F/C2.1	2058	Joint Configuration Fitting to Fitting Weld	60% Long. & Circ.	UT	12	13	
FWA-038 05-02	24" x 24" x 16" Tee to 16" Elbow C-F/C2.1	2244	Joint Configuration Fitting to Fitting Weld	60% Long. & Circ.	UT	12	13	
FWA-042 05-02	Valve (HV-1F105) to 8" Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
FWB-003 05-03	12" Pipe to Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
FWB-007 05-03	12" x 20" Reducer to 20" x 20" x 12" Tee B-J/B4.5	2193	Joint Configuration Fitting to Fitting Weld	60% Long. & Circ.	UT	4	6	
FWB-008A 05-03	12" Pipe to Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
FWB-021 05-03	12" Elbow to Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
FWB-025 05-03	24" x 24" x 12" Tee to 24" Elbow B-J/B4.5	2078	Joint Configuration Fitting to Fitting Weld	60% Long. & Circ.	UT	4	6	
FWB-027 05-03	24" Pipe to Valve (HV-1F011B) B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
FWB-028 05-03	24" Valve (HV-1F011B) to 24" Elbow	2236	Joint Configuration Fitting to Fitting Weld	90% Long. & Circ.	UT	4,9	6	V
FWB-029 05-03	24" Elbow to Valve (1F010B) B-J/B4.5	2051	Joint Configuration Fitting to Fitting Weld	100% Long. 75% Circ.	UT	4,9	6	
FWB-030 05-03	Valve (1F010B) to 24" Flued Head (x-9B) B-J/B4.5	2205	Joint Configuration Fitting to Fitting Weld	90% Long. & Circ.	UT	2	6	
FWB-031 05-03	24" Flued Head (x-9B) to Valve (1F074B) B-J/B4.5	2043	Joint Configuration Fitting to Fitting Weld	65% Long. 90% Circ.	UT	2	6	
FWB-032 05-04	Valve (HV-1F074B) to 24" Pipe C-F/C2.1	2040	Joint Configuration Fitting to Pipe Weld	75% Long. 90% Circ.	UT	12	13	
FWB-035 05-04	24" x 24" x 16" Tee to Valve (HV-1F032B) C-F/C2.1	2022	Joint Configuration Fitting to Fitting Weld	80% Long. & Circ.	UT	12	13	
FWB-036 05-04	16" x 24" x 24" Tee to 16" Elbow C-F/C2.1	2245	Joint Configuration Fitting to Fitting Weld	100% Long. 60% Circ.	UT	12	13	
RC-009 06-01	4" Elbow to Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RC-127 06-01	Valve (HV-1F007) to 3" Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V

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RC-130 06-01	3" Pipe to Flued Head (x-10) B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RC-131 06-01	Flued Head (x-10) to Valve (HV-1F008) B-J/B4.5	2259	Joint Configuration	100% Long. 50% Circ.	UT	8	6	V
RC-058R 06-03	6" Pipe to 6" x 6" x 4" Tee C-F/C2.1	2006	Hanger and 4" Leg of Tee Blocking Scan Paths	100% Long. 85% Circ.	UT	8	13	
RC-059R 06-03	6" x 6" x 4" Tee to Valve (HV-1FC13) C-F/C2.1	2011	4" Leg of Tee Blocking Scan Path	100% Long. 85% Circ.	UT	8	13	
RC-101 06-04	10" Pipe to Cap C-F/C2.1	2005	Sock-O-Let Blocking Scan Path	85% Long. & Circ.	UT	8	13,26	V
RC-104R 06-04	10" Pipe to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RC-108 06-04	10" Elbow to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RC-110 06-04	10" Elbow to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RC-111 06-04	10" Pipe to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RC-112 06-04	10" Elbow to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RC-113 06-04	10" Pipe to 45° Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RC-115 06-04	10" Pipe to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RC-116 06-04	10" Pipe to Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V
RC-117 06-04	10" Elbow to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.
RC-119 06-04	10" x 8" Reducer to 8" Elbow C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26 ▽
RC-123 06-04	Valve (MO-1F060) to Flued Head (x-215)	2068	Joint Configuration Fitting to Fitting Weld	50% Long. & Circ.	UT	7	13
EBB-109-H9 06-102	Pipe Support, 8 Lugs C-E-1/C2.5	2163	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	8	16
EBB-109-H4 06-102	Pipe Support, 4 Lugs C-E-1/C2.5	2160	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	8	16
EBB-135-H25 06-103	Pipe Support, 8 Lugs C-E-1/C2.5	2162	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Suface	MT	8	16
EBB-135-H28 06-103	Pipe Support, 4 Lugs C-E-1/C2.5	2161	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	8	16
EBB-H135-H902 06-103	Pipe Support, Saddle C-E-1/C2.5	N/A	N/A	100% Surface	MT	8	16
EBB-135-H2 06-103	Pipe Support, 4 Lugs C-E-1/C2.5	2140	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	8	16
EBB-135-H901 06-103	Pipe Support, Sleeve C-E-1/C2.5	2171	Gusset to Sleeve Welds Blocking Partial Base Metal Examination. Refer to ASME Section III Inspection Results	95% Surface	MT	8	16
EBB-126-H2 06-103	Pipe Support, 4 Lugs C-E-1/C2.5	2158	Adjacent Hanger Clamps Refer to ASME Section III Inspection Results	80% Surface	MT	8	16
EBB-126-H5 06-103	Pipe Support, 4 Lugs C-E-1/C2.5	2170	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	8	16

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
HBB-101-H1 06-104	Pipe Support, 4 Lugs C-E-1/C2.5	2169	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	8	16	
HBB-101-H11 06-104	Pipe Support, 4 Lugs C-E-1/C2.5	2159	Adjoining Clamp Refer to ASME Section III Inspection REsults	90% Surface	MT	8	16	
HBB-101-H6 06-104	Pipe Support, 4 Lugs C-E-1/C2.5	2165	Adjoining Clamp Refer to ASME Section III Inspection Results	90% Surface	MT	8	16	
RRA-006LD-Min. 07-01	Elbow Seam Min. Radius B-J/B4.5 07-01	2014	Sock-O-Let Blocking Scan Path	100% Long. 95% Circ.	UT	4	6	
RRA-006LD-Max. 07-01	Elbow Seam Max. Radius B-J/B4.5	2013	Sock-O-Let Blocking Scan Path	100% Long. 95% Circ.	UT	4	6	
RRA-007LU-Min. 07-01	Elbow Seam Min. Radius B-J/B4.5	2014	Sock-O-Let Blocking Scan Path	100% Long. 95% Circ.	UT	4	6	
RRA-007LU-Max. 07-01	Elbow Seam Max. Radius B-J/B4.5	2013	Sock-O-Let Blocking Scan Path	100% Long. 95% Circ.	UT	4	6	
RRA-008 07-01	Valve (HV-1F023A) to 28" Pipe B-J/B4.5	2239	Sock-O-Let Blocking Scan Path	100% Long. 97% Circ.	UT	4,10	6	
RRA-022 07-01	28" Pipe to 28" x 28" x 12" Tee B-J/B4.5	2197	Joint Configuration Fitting to Pipe Weld	80% Long. & Circ.	UT	4	6	
RRA-023 07-01	28" x 28" x 12" Tee to 28" x 22" Cross B-J/B4.5	2080	Joint Configuration Fitting to Fitting Weld	40% Long. & Circ.	UT	4	6	
RRA-027LD-Min. 07-01	Elbow Seam Min. Radius B-J/B4.5	N/A	Relief Request Deleted	100% Long. & Circ.	UT	N/A	N/A	▽

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
RRA-027LD-Max. 07-01	Elbow Seam Max. Radius B-J/B4.5	N/A	Relief Request Deleted	100% Long. & Circ.	UT	N/A	N/A	▽
RRA-028LU-Min. 07-01	Elbow Seam Min. Radius B-J/B4.5	N/A	Relief Request Deleted	100% Long. & Circ.	UT	N/A	N/A	▽
RRA-028LU-Max. 07-01	Elbow Seam Max. Radius B-J/B4.5	N/A	Relief Request Deleted	100% Long. & Circ.	UT	N/A	N/A	▽
RRA-035 07-01	28" x 22" Cross to 28" x 12" Reducer B-J/B4.5	2030	Joint Configuration Fitting to Fitting Weld	70% Long. 40% Circ.	UT	4	6	
RRA-037LD-Max. 07-01	Elbow Seam Max. Radius B-J/B4.5	N/A	Relief Request Deleted	100% Long. & Circ.	UT	N/A	N/A	▽
RRA-038LU-Max. 07-01	Elbow Seam Max. Radius B-J/B4.5	N/A	Relief Request Deleted	100% Long. & Circ.	UT	N/A	N/A	▽
RRA-P-C001A 07-01	Pump A Internal Casing B-L-2/B5.7	N/A	Pump Manufacturer's Visual Inspection Considered Adequate	0%	VT	4	9	
RRB-005LD-Min. 07-02	Elbow Seam Min. Radius B-J/B4.5	2029	Sock-O-Let Blocking Scan Path	85% Long. & Circ.	UT	4	6	
RRB-005LD-Max. 07-02	Elbow Seam Max. Radius B-J/B4.5	2240	Sock-O-Let Blocking Scan Path	97% Long. & Circ.	UT	4	6	
RRB-006LU-Min. 07-02	Elbow Seam Min. Radius B-J/B4.5	2033	Sock-O-Let Blocking Scan Path	85% Long. & Circ.	UT	4	6	
RRB-006LU-Max. 07-02	Elbow Seam Max. Radius B-J/B4.5	2033	Sock-O-Let Blocking Scan Path	85% Long. & Circ.	UT	4	6	

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	S.C	Relief Request No.	
RRB-021 07-02	28" Pipe to 28" x 28" x 12" Tee B-J/B4.5	2194	Joint Configuration Fitting to Pipe Weld	90% Long. 100% Circ.	UT	4	6	
RRB-022 07-02	28" x 28" x 12" Tee to 28" x 22" Cross B-J/B4.5	2031	Joint Configuration Fitting to Fitting Weld	40% Long. & Circ.	UT	4	6	
RRB-033 07-02	28" x 22" Cross to 28" x 22" Reducer B-J/B4.5	2079	Joint Configuration Fitting to Fitting Weld	40% Long. & Circ.	UT	4	6	
RRB-P-C001B 07-02	Pump B Internal Casing B-L-2/B5.7	N/A	Pump Manufacturer's Visual Inspection Considered Adequate	0%	VT	4	9	
RRA-050 07-03	Reducer to 2" Elbow B-J/B4.5	2082	Joint Configuration Fitting to Fitting Weld Proximity of Weld to Min. Elbow Radius	70% Long. & Circ.	UT	4,10	6	
RRB-048 07-04	Reducer to 2" Elbow B-J/B4.5	2083	Joint Configuration Fitting to Fitting Weld Proximity of Weld to Min. Elbow Radius	85% Long. & Circ.	UT	4,10	6	
761E920-SSA2 07-101	Pump Support, Lug Weld B-K-1/B5.4	N/A	Forged Lug to Cast Base Metal	0% Long. & Circ.	UT	4	8	
761E920-SSA3 07-101	Pump Support, Lug Weld B-K-1/B5.4	N/A	Forged Lug to Cast Base Metal	0% Long. & Circ.	UT	4	8	
761E920-HBW 07-102	Pump Support, Lug Weld B-K-1/B5.4	N/A	Forged Lug to Cast Base Metal	0% Long. & Circ.	UT	4	8	
761E920-SSB2 07-102	Pump Support, Lug Weld B-K-1/B5.4	N/A	Forged Lug to Cast Base Metal	0% Long. & Circ.	UT	4	8	
761E920-SSB3 07-102	Pump Support, Lug Weld B-K-1/B5.4	N/A	Forged Lug to Cast Base Metal	0% Long. & Circ.	UT	4	8	
RW-046 08-01	Valve (1017) to 4" Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	▽ 1

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
RW-023R1 08-01	4" Pipe to Elbow B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RW-049 08-01	4" Pipe to Elbow B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RW-050 08-01	4" Pipe to Elbow B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RW-051 08-01	4" Elbow to Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RW-052 08-01	4" Pipe to 45 Elbow B-J/B4.5	N/A	Geometric Reflector	100% Long & Circ.	UT	N/A	25	V
RW-030 08-01	45° Elbow to 4" Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RW-055 08-01	4" Pipe to Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RW-033 08-01	4" Pipe to Elbow B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RW-057 08-01	4" Pipe to Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RW-039 08-01	4" Pipe to Elbow B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RW-038 08-01	4" Elbow to Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RW-044 08-01	4" Pipe to Valve (1016) B-J/B4.5	2265	Joint Configuration	80% Long. 100% Circ.	UT	8	16	V
RW-019 08-02	6" Flued Head (x-14) to Valve (HV-1F004) B-J/B4.5	2099	Joint Configuration Fitting to Fitting Weld	70% Long. & Circ.	UT	2	6	
RW-060 08-03	Nozzle (N15) to 2" Elbow B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V

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RW-087 08-03	2-1/2" Pipe to 2-1/2" Tee B-J/B4.5	2015	Penetration (x-38) Support Blocking Scan Path	100% Long. 66% Circ.	UT	4	6	
RW-091 08-03	2" Pipe to Elbow B-J/B4.5	2046	Proximity to Min. Radius of Elbow and to Reducer on Either Side of Weld	60% Long. & Circ.	UT	4	6	
RW-092 08-03	2" Elbow to Pipe B J/B4.5	2045	Proximity to Min. Radius of Elbow and to Valve (1F029) on Either Side of Weld	50% Long. & Circ.	UT	4	6	
RW-099 08-04	4" Tee to Cap B-J/B4.5	2021	Sock-O-Let Blocking Scan Path	100% Long. 70% Circ.	UT	4	6	
RW-110 08-04	6" Valve (HV-1F100) to 4" x 6" Reducer B-J/B4.5	2025	Joint Configuration Fitting to Fitting Weld	100% Long. 40% Circ.	UT	4	6	
RW-113 08-04	2" Weld-O-Let to 2" Pipe B-J/B4.5	2032	Joint Configuration Fitting to Pipe Weld. Overprep in Weld Toe	80% Long. 100% Circ.	UT	4	6	
RW-117 08-04	2" Valve (1F050) to Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long & Circ.	UT	N/A	25	V
RW-121 08-04	4" Pipe to Elbow B-J/B4.5	N/A	Geometric Reflector	100% Long & Circ.	UT	N/A	25	V
RW-123 08-04	4" Pipe to Flow Element (FE-1N038) B-J/B4.5	2076	Joint Configuration Fitting to Pipe Weld	90% Long. & Circ.	UT	4	6	
RW-124 08-04	Flow Element (FE-1N038) to 4" Pipe B-J/B4.5	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	25	V
RW-133 08-04	4" Pipe to Elbow B-J/B4.5	2047	Joint Configuration Fitting to Pipe Weld	75% Long. & Circ.	UT	4	6	
RDA-002 09-01	8" Pipe to Tee C-G/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	V

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Component Ident. No. Isometric Dwg. No.	Component Description Code Category/Item No.	IEAR No.	Obstruction/Remarks	% Complete	Method	SIC	Relief Request No.	
RDA-013 09-01	8" Tee to Pipe C-G/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	7
RDA-015 09-01	8" Elbow to Pipe C-G/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	7
RDA-019 09-01	8" Elbow to Pipe C-G/C2.1	N/A	Relief Request Deleted	100% Long. & Circ.	UT	N/A	N/A	7
RDA-021 09-01	45 Elbow to 8" Pipe C-G/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	7
RDA-026 09-01	8" Tee to Pipe C-G/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	7
RDB-011 09-02	8" Pipe to Elbow C-G/C2.1	N/A	Relief Request Deleted	100% Long. & Circ.	UT	N/A	N/A	7
RDB-017 09-02	8" Pipe to Tee C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	7
RDB-019 09-02	8" Tee to Pipe C-F/C2.1	N/A	Geometric Reflector	100% Long. & Circ.	UT	N/A	26	7

psi/isi table