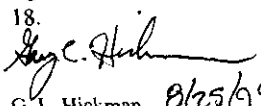

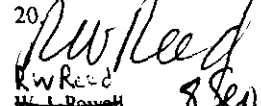


SEP 09 1999 20
Sta. 15

ENGINEERING DATA TRANSMITTAL

Page 1 of 1
1. EDT 627416

2. To: (Receiving Organization) West Tank Farms		3. From: (Originating Organization) Tank Farms Engineering		4. Related EDT No.: N/A				
5. Proj./Prog./Dept./Div.: Master Equipment List		6. Design Authority/ Design Agent/Cog. Engr.: W. J. Powell / G. L. Hickman M. F. Erhart		7. Purchase Order No.: N/A				
8. Originator Remarks: Master Equipment list for the RAPID project				9. Equip./Component No.: N/A				
				10. System/Bldg./Facility: 241-SY-101				
11. Receiver Remarks: 11A. Design Baseline Document? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No GCH 9/2/99				12. Major Assm. Dwg. No.: N/A				
				13. Permit/Permit Application No.: N/A				
				14. Required Response Date: 8/26/99				
15. DATA TRANSMITTED								
(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted	(F) Approval Design- nator	(G) Reason for Trans- mittal	(H) Origin- ator Dispo- sition	(I) Receiv- er Dispo- sition
1	RPP-5051		0	Master Equipment List for the RAPID Project	Q, S			
16. KEY								
Approval Designator (F)		Reason for Transmittal (G)			Disposition (H) & (I)			
E, S, Q, D or N/A (see WHC-CM-3-5, Sec.12.7)		1. Approval 4. Review 2. Release 5. Post-Review 3. Information 6. Dist. (Receipt Acknow. Required)			1. Approved 4. Reviewed no/comment 2. Approved w/comment 5. Reviewed w/comment 3. Disapproved w/comment 6. Receipt acknowledged			
17. SIGNATURE/DISTRIBUTION (See Approval Designator for required signatures)								
(G) Reason	(H) Disp	(J) Name (K) Signature (L) Date (M) MSIN			(G) Reason	(H) Disp	(J) Name (K) Signature (L) Date (M) MSIN	
1		Design Authority W. J. Powell GCH 9/2/99			1	1	QA M. L. McElroy M.L. McElroy 825-9957-07	
1	1	Design Agent G. L. Hickman G.L. Hickman 8/25/99			1	1	Design Engineer Mgr C. E. Hanson C.E. Hanson 8/25/99	
1	1	Cog.Eng. M. F. Erhart M.F. Erhart 9-8-99 5770			1	1	Safety L. S. Krogerud L.S. Krogerud 7/2/99	
1	1	Cog. Mgr. R. W. Reed R.W. Reed 8 Sep 99 74-07					57-34	
1	1	Equipment Engr. D. Smet D.Smet 8-8-99 R1-516						
3		Central Files B1-07			3		RL Reading Room H2-53	
18.  G. L. Hickman 8/25/99 Signature of EDT Date Originator		19.  R. W. Reed 8 Sep 99 Authorized Representative Date for Receiving Organization		20.  W. J. Powell 8 Sep 99 Design Authority/ Cognizant Manager Date		21. DOE APPROVAL (if required) Ctrl. No. <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/comments <input type="checkbox"/> Disapproved w/comments		

Master Equipment List

for the RAPID PROJECT

G. L. HICKMAN, Fluor Daniel Northwest, Inc.
for Lockheed Martin Hanford Company
Richland, WA 99352
U.S. Department of Energy Contract DE-AC06-96RL13200

EDT/ECN: 627421 416 ja UC: 2030
Org Code: 79000 Charge Code: HN920201 ja 106984/BAD
B&R Code: EW3120071 Total Pages: 57

Key Words:

RAPID, waste transfer; SY Farm, 241-SY-101, Master Equipment List, MEL

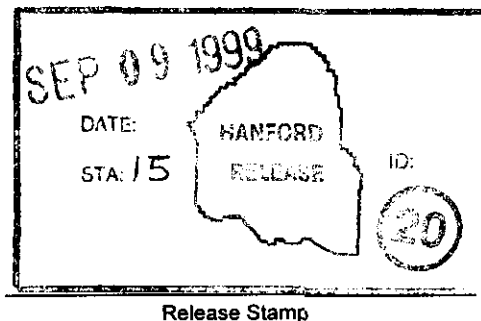
Abstract:

The Respond and Pump in Days (RAPID) project was initiated to pump part of the contents of tank 241-SY-101 into tank 241-SY-102. This is the Master Equipment List (MEL) for this project document.

TRADEMARK DISCLAIMER. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof or its contractors or subcontractors.

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James Aardal 9-9-99
Release Approval Date



Approved For Public Release

MASTER EQUIPMENT LIST FOR THE RAPID PROJECT

INTRODUCTION

The Respond and Pump in Days (RAPID) project was initiated to pump part of the contents of tank 241-SY-101 into tank 241-SY-102. This document identifies all the equipment used on the RAPID project.

MASTER EQUIPMENT LIST (MEL) DEVELOPMENT

The MEL was developed using the RAPID project drawings, both released and in draft form. Safety classification of items is based upon HNF-4531, RAPID Project SEL.

DATA FORMAT

The format of the MEL complies with requests from Equipment Engineering. This format provides a quick reference to the information as listed below:

- The equipment identification number(s) (EINs) or tag number(s) associated with the item
- The description of the item
- The Field Tag, Line 1, as assigned by the tagging group
- The Field Tag, Line 2, as assigned by the tagging group
- The Old ID field. This is a listing of what an EIN was called in earlier stages of the design. This field is for information only and is not necessarily complete or correct.
- Any comments related to the item.
- The manufacturer and model number of the item
- The power supply breaker for the item, as applicable
- A loose categorization of the item, Electrical, Mechanical, or Instrumentation
- A Calibration procedure and Data Sheet number, as applicable
- The CVI number
- The H-14 drawing (PID)
- A listing of the project drawings. This field is for information only and is not necessarily complete or correct.

This document is sorted by the location, such as the DACS Trailer Operator Panel or the Portable Water Supply Skid, and then by the EIN. This groups items by physical location for ease of review.

Master Equipment List for the RAPID Project

RPP-5051, Rev. 0

Location					
EPN	Description	Manufacturer	Procedure Number	Essential Drawings	
	Field Tag Line 1	Model Number	Data Sheet No	H-14 #	H-14 rev
	Field Tag Line 2	Power supply bkr		H-14 sht	
Old ID		Mech/Elec/Inst	CVI#	Project Drawings	
Safety Classification					
Comments					
DACS Trailer Operator Panel					
2K1	Relay for Transfer Pump "Run"	Square D	N/A	N/A	
		8501 XDO40V53	N/A	N/A	
		SY272-WT-EDS-DP-108 CKT 22		N/A	
		Elec	50071	H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ;	
N/A		GS			
2K2	Control Relay for Dilute Water Low Flow	Square D	N/A	N/A	
		8501 XDO40V53	N/A	N/A	
		SY272-WT-EDS-DP-108 CKT 22		N/A	
		Elec	50071	H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ;	
N/A		GS			
2K3	Control Relay for Dilute Water High Flow	Square D	N/A	N/A	
		8501 XDO40V53	N/A	N/A	
		SY272-WT-EDS-DP-108 CKT 22		N/A	
		Elec	50071	H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ;	
N/A		GS			

<i>Location</i>					
<i>EPN</i>	<i>Description</i>	<i>Manufacturer Model Number</i>	<i>Procedure Number Data Sheet No</i>	<i>Essential Drawings H-14 #</i>	
<i>Field Tag Line 1</i>		<i>Power supply bkr</i>		<i>H-14 rev</i>	
<i>Field Tag Line 2</i>		<i>Mech/Elec/Inst</i>	<i>CVI#</i>	<i>H-14 sht</i>	
<i>Old ID</i>		<i>Safety Classification</i>		<i>Project Drawings</i>	
<i>Comments</i>					
2K4		Square D	N/A	N/A	
	Control Relay for Low Dilution Water Temperature	8501 XDO40V53	N/A	N/A	
		SY272-WT-EDS-DP-108 CKT 22		N/A	
		Elec	50071	H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ;	
N/A		GS			
2K5		Square D	N/A	N/A	
	Control Relay for Transfer Pump E Stop	8501 XDO40V53	N/A	N/A	
		SY274-WT-EDS-DP-112 CKT 17		N/A	
		Elec	50071	H-14-103653S1 ; H-14-103653S3 ; H-14-103655S1 ;	
N/A		GS			
2K6		Square D	N/A	N/A	
	Holding Relay for SY272-WT-VFD-350	8501 XDO40V53	N/A	N/A	
		SY272-WT-EDS-DP-108 CKT 22		N/A	
		Elec	50071	H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ;	
N/A		GS			
IL-350B-1		Square D	N/A	N/A	
	On Indication Light Waste Transfer Pump SY101-WT-	9001 KT35R6	N/A	N/A	
		SY272-WT-EDS-DP-108 CKT 22		N/A	
		Elec	50071	H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ;	
N/A		GS			

<i>Location</i>					
<i>EPN</i>	<i>Description</i>	<i>Manufacturer Model Number</i>	<i>Procedure Number Data Sheet No</i>	<i>Essential Drawings</i>	
	<i>Field Tag Line 1</i>	<i>Power supply bkr</i>		<i>H-14 #</i>	
	<i>Field Tag Line 2</i>	<i>Mech/Elec/Inst</i>		<i>H-14 rev</i>	
	<i>Old ID</i>	<i>Safety Classification</i>	<i>CVI#</i>	<i>H-14 sht</i>	
<i>Comments</i>				<i>Project Drawings</i>	
IL-350B-2	Off Indication Light Waste Transfer Pump SY101-WT-	Square D 9001 KT35G6	N/A	N/A	
		SY272-WT-EDS-DP-108 CKT 22	N/A	N/A	
N/A		Elec	50071	N/A	H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ;
		GS			
Start	Start Button Waste Transfer Pump SY101-WT-P-350	Square D 9001 KR2UH2	N/A	H-14-103656	
		SY272-WT-EDS-DP-108 CKT 22	N/A	001	
N/A		Elec	50071	001	H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ; H-14-103641S1 ;
		GS			
Stop	Stop Button Waste Transfer Pump SY101-WT-P-350	Square D 9001 KR2UH2	N/A	H-14-103656	
		SY272-WT-EDS-DP-108 CKT 22	N/A	001	
N/A		Elec	50071	001	H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ;
		GS			
SY461-EDS-ZA-115		N/A	N/A	N/A	
Circuit Breaker Position Alarm		N/A	N/A	N/A	
N/A		SY272-WT-EDS-DP-108 CKT 22	50071	N/A	H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ;
		Elec			
Panel 7 of SY461-WT-ANN-350B		GS			

Location		Procedure Number				Essential Drawings	
EPN	Description	Manufacturer Model Number	Power supply bkr	Procedure Number Data Sheet No	CVI#	H-14 #	H-14 rev
Field Tag Line 1	Field Tag Line 2	Mech/Elec/Inst	Safety Classification			H-14 sht	Project Drawings
Old ID							
Comments							
SY461-RW-FAH-419	Service Water High Flow Alarm Pilot Light	N/A	N/A	N/A		H-14-103656	
RAW WATER SUPPLY LINE		N/A		N/A		001	
FLOW ALARM HIGH		SY272-WT-EDS-DP-108 CKT 22		50071		001	
N/A		Elec				H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ;	
Panel 3 of SY461-WT-ANN-350B		GS					
SY461-RW-FAL-419	Service Water Low Flow Alarm Pilot Light	N/A	N/A	N/A		H-14-103656	
RAW WATER SUPPLY LINE		N/A		N/A		001	
FLOW ALARM LOW		SY272-WT-EDS-DP-108 CKT 22		50071		001	
N/A		Elec				H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ;	
Panel 2 of SY461-WT-ANN-350B		GS					
SY461-RW-FIY-419	Service Water Flow Indicator	Newport Electronics		6-MISC-101		H-14-103656	
RAW WATER SUPPLY LINE		INFP-0210-C2		WT-6237		001	
FLOW INDICATING RELAY		SY272-WT-EDS-DP-108 CKT 22		50071		001	
N/A		Inst				H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ; H-14-103641S2 ; H-14-103651S1 ;	
GS		GS					
SY461-WT-ANN-350B	Annunciator for SY101-WT-CP-350B	Ronan		N/A		H-14-103656	
		4.4X11SNLR-4000		N/A		001	
		SY272-WT-EDS-DP-108 CKT 22		50071		001	
N/A		Elec				H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ; H-14-103641S1 ; H-14-103655S5 ;	
Includes Power Supply, Sonalert, Flasher and Pushbutton.		SC					
		Annunciates LDA-365B, LDA-366B, PAH-370B, PAH-371B, TAL-373B, FAH-419, FAL-419, AND ZA-115. Tested with each Safety Class Loop.					

EPN	Manufacturer	Procedure Number	Essential Drawings
<i>Description</i>	<i>Model Number</i>	<i>Data Sheet No</i>	<i>H-14 #</i>
<i>Field Tag Line 1</i>	<i>Power supply bkr</i>		<i>H-14 rev</i>
<i>Field Tag Line 2</i>	<i>Mech/Elec/Inst</i>		<i>H-14 sht</i>
<i>Old ID</i>	<i>Safety Classification</i>	<i>CVI#</i>	<i>Project Drawings</i>
<i>Comments</i>			
SY461-WT-CP-350B	Hill Line Engineering	N/A	H-14-103656
TK-101 Waste Transfer Pump Control Panel	HNF-4235, H-14-103641	N/A	001
TK-101 WASTE TRANSFER PUMP	SY272-WT-EDS-DP-108 CKT 22		001
CONTROL PANEL	Elec	50071	H-14-103641S1 ;
N/A	GS		
SY461-WT-FI-367B	Newport Electronics	N/A	H-14-103656
Process Fluid Flow Indicator	INFP-0210-C2	N/A	001
TK-101 TO 102 TRANSFER LINE	SY272-WT-EDS-DP-108 CKT 22		001
FLOW INDICATOR	Inst	50071	H-14-103653S1 ; H-14-103653S3 ; H-14-103641S3 ; H-14-103651S1 ;
N/A	GS		
Indicator is for information only.			
SY461-WT-FQI-367	Apollo	N/A	H-14-103656
Waste Transfer Flow Totalizer	IMIO4167	N/A	001
	SY272-WT-EDS-DP-108 CKT 22		001
N/A	Inst	50071	H-14-103653S1 ; H-14-103653S3 ; H-14-103641S3 ; H-14-103651S1 ;
Flow totalizer is for information only.	GS		
SY461-WT-II-350	Newport Electronics		H-14-103656
Transfer Pump Current Indicator	INFP-0210-C2	6-MISC-101	001
TK-101 WASTE TRANSFER PUMP	SY272-WT-EDS-DP-108 CKT 22	WT-6238	001
CURRENT INDICATOR	Inst	50071	H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ; H-14-103641S1 ; H-14-103651S1 ;
N/A	GS		

<i>Location</i>		<i>Manufacturer</i>			<i>Procedure Number</i>		<i>Essential Drawings</i>	
<i>EPN</i>	<i>Description</i>	<i>Model Number</i>	<i>Power supply bkr</i>	<i>Mech/Elec/Inst</i>	<i>Data Sheet No</i>	<i>CVI#</i>	<i>H-14 #</i>	<i>Project Drawings</i>
	<i>Field Tag Line 1</i>						<i>H-14 rev</i>	
	<i>Field Tag Line 2</i>						<i>H-14 sht</i>	
	<i>Old ID</i>							
<i>Comments</i>								
	SY461-WT-LDA-365B	N/A			3-LDD-042		H-14-103656	
	TK-101 Transfer Pump Pit Leak Detected	N/A			WT-6061		001	
	TK-101 TRANSFER PUMP PIT	SY272-WT-EDS-DP-108 CKT 22					001	
	LEAK DETECTED	Elec			50071		H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ;	
	N/A	GS						
	Panel 6 of SY461-WT-ANN-350B. Tested with the LDSTA as part of a loop.							
	SY461-WT-LDA-366B	N/A			3-LDD-042		H-14-103656	
	SY-102 Riser Extension Leak Detector Alarm Pilot Lig	N/A			WT-6062		001	
	TK-101 TO 102 TRANSFER LINE	SY272-WT-EDS-DP-108 CKT 22					001	
	LEAK DETECTED	Elec			50071		H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ;	
	N/A	GS						
	Panel 5 of SY461-WT-ANN-350B. Tested with the LDSTA as part of a loop.							
	SY461-WT-PAH-370B	N/A			N/A		H-14-103656	
	TK-101 to 102 Transfer Line Flush Pressure Alarm Hig	N/A			N/A		001	
	TK-101 TO 102 TRANSFER LINE	SY272-WT-EDS-DP-108 CKT 22					001	
	FLUSH PRESSURE ALARM HIGH	Elec			50071		H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ;	
	N/A	GS						
	Panel 4 of SY461-WT-ANN-350B							
	SY461-WT-PAH-371B	N/A			N/A		H-14-103656	
	TK-101 to 102 Transfer Line Flush Pressure Alarm Hig	N/A			N/A		001	
		SY272-WT-EDS-DP-108 CKT 22					001	
		Elec			50071		H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ;	
	N/A	GS						
	Panel 8 of SY461-WT-ANN-350B							

Location

EPN	Manufacturer	Procedure Number	Essential Drawings	
<i>Description</i>	<i>Model Number</i>	<i>Data Sheet No</i>	<i>H-14 #</i>	-
<i>Field Tag Line 1</i>	<i>Power supply bkr</i>		<i>H-14 rev</i>	
<i>Field Tag Line 2</i>	<i>Mech/Elec/Inst</i>	<i>CVI#</i>	<i>H-14 sh</i>	
<i>Old ID</i>	<i>Safety Classification</i>		<i>Project Drawings</i>	
<i>Comments</i>				
SY461-WT-TAL-373B	N/A	N/A	H-14-103656	
Raw Water Supply Line	N/A	N/A	001	
RAW WATER SUPPLY LINE	SY272-WT-EDS-DP-108 CKT 22		001	
TEMPERATURE ALARM LOW	Elec	50071	H-14-103653S1 ; H-14-103653S3 ; H-14-103655S2 ;	
N/A	GS			
Panel 1 of SY461-WT-ANN-350B				
SY461-WT-TI-369B	Newport Electronics	6-MISC-101	H-14-103656	
Process Fluid Temperature Indicator	INFP-0210-C2	WT-6234	001	
TK-101 TRANSFER PUMP OUTLET LINE	SY272-WT-EDS-DP-108 CKT 22		001	
TEMPERATURE INDICATOR	Inst	50071	H-14-103653S1 ; H-14-103653S3 ; H-14-103641S3 ; H-14-103651S1	
N/A	GS			
SY461-WT-TTY-373	Newport Electronics	6-MISC-101	H-14-103656	
Service Water Temperature Indicator	INFP-0210-C2	WT-6235	001	
RAW WATER SUPPLY LINE	SY272-WT-EDS-DP-108 CKT 22		001	
TEMPERATURE INDICATING RELAY	Inst	50071	H-14-103653S1 ; H-14-103653S3 ; H-14-103641S3 ; H-14-103651S1 ;	
N/A	GS			

Dropleg

Location

EPN	Manufacturer	Procedure Number	Essential Drawings
Description	Model Number	Data Sheet No	H-14 #
Field Tag Line 1	Power supply bkr		H-14 rev
Field Tag Line 2	Mech/Elec/Inst	CV/#	H-14 sht
Old ID	Safety Classification		Project Drawings
Comments			
Anil Syphoning Slurry Distributor	Orbit Industries	N/A	N/A
Drop Leg Riser Extension	HNF-4216	N/A	N/A
	N/A	N/A	N/A
N/A	Mech	50071	H-14-103592S1
Passive mechanical device, no preventative maintenance required.	SC		
LD A-366			
Alarm Strobe Light for SY102-WT-LDSTA-366	Tonmar Electric	N/A	H-14-103656
	Micro StrobeV, 495S-1280	N/A	001
	SY274-WT-EDS-DP-112 CKT 17		001
	Elec	50071	H-14-103641S4 ;
N/A	SC		
Tested with LDE-366			
SY102-WT-LDE-366			
Drop Leg Leak Detector Element	Hanford	3-LDD-042	H-14-103656
TK-101 TO 102 TRANS LINE	H-2-34965	WT-6062	001
LEAK DETECTION ELEMENT	SY274-WT-EDS-DP-112 CKT 17		001
N/A	Inst	50071	H-14-103641S4 ; H-14-103592S1 , H-14-103592S10
Tested with the LDSTA as part of a loop.	SC		
SY102-WT-LDSTA-366			
Leak Detector Station Alarm	Hanford	3-LDD-042	H-14-103656
TK-101 TO 102 TRANSFER LINEN	H-2-34965	WT-6062	001
LEAK DETECTION TEST STATIO	SY274-WT-EDS-DP-112 CKT 17		001
N/A	Inst	50071	H-14-103641S4 ;
Tested with the LDSTA as part of a loop.	SC		

Location

EPN	Manufacturer	Procedure Number	Essential Drawings
Description	Model Number	Data Sheet No	H-14 #
Field Tag Line 1	Power supply bkr		H-14 rev
Field Tag Line 2	Mech/Elec/Inst	CVI#	H-14 sht
Old ID	Safety Classification		Project Drawings

Comments**GMS-1 Building**

SY274-EDS-DP-112 CKT 17	Cutler-Hammer	N/A	H-14-030031
Circuit Breaker, 20A	Q0-120	N/A	000
	SY272-EDS-MCC-003, Compt 6FD		019
	Elec	50071	H-14-103641S2 ;
	GS		

N/A Existing Panel. SY101 Transfer Pump Control Panel (SY461-WT-CP-350A) at prefabricated pump pit instrument rack fed from circuit 17. See ECN647721 Sht 17/26.

Motor Control Center

SY272-EDS-BKR-115	Cutler-Hammer	N/A	H-14-030031
Circuit Breaker for SY272-WT-VFD-350	FDJ1R24	N/A	000
	SY272-EDS-MCC-003 CPT 2FE		003
	Elec	50071	H-14-103641S1 ;
	GS		

N/A See ECN 647721 Sht. 4/26.

SY272-EDS-DP-108 CKT 22	Cutler-Hammer	N/A	H-14-030031
Circuit Breaker, 20A	Q0-120	N/A	000
	SY272-EDS-MCC-003 CPT 3FE		003
	Elec	50071	H-14-103653S1 ; H-14-103641S1 ;
	GS		

N/A Existing Panel. SY101 Transfer Pump Control Panel (SY461-WT-CP-350B) in the DACs is fed from circuit 22. See ECN647721 Sht 16/26.

Location

<i>EPN</i>	<i>Manufacturer</i>	<i>Procedure Number</i>	<i>Essential Drawings</i>
<i>Description</i>	<i>Model Number</i>	<i>Data Sheet No</i>	<i>H-14 #</i>
<i>Field Tag Line 1</i>	<i>Power supply bkr</i>		<i>H-14 rev</i>
<i>Field Tag Line 2</i>	<i>Mech/Elec/Inst</i>	<i>CVI#</i>	<i>H-14 sht</i>
<i>Old ID</i>	<i>Safety Classification</i>		<i>Project Drawings</i>
<i>Comments</i>			
SY272-EDS-DS-161	Robicon	N/A	H-14-030031
VFD Backside Isolation Disconnect		N/A	001
TK-101 WASTE TRANSFER PUMP	SY272-WT-EDS-BKR-115		003
DISCONNECT SWITCH	Elec	50071	H-14-103653S1 ; H-14-103641S1 ;
N/A	GS		
See ECN 647721 Sht. 4/26.			
SY272-EDS-DS-350	Robicon	N/A	N/A
VFD Disconnect Switch		N/A	N/A
	SY272-WT-EDS-BKR-115		N/A
	Elec	50071	H-14-103641S1 ;
N/A	GS		
SY272-WT-VFD-350	Robicon	N/A	H-14-103656
Transfer Pump Variable Frequency Drive	ID-PWM4S4GT, 125 HP	N/A	001
TK-101 WASTE TRANSFER PUMP	SY272-WT-EDS-BKR-115		001
VARIABLE FREQUENCY DRIVE	Inst	50071	H-14-103653S1 ; H-14-103641S1 ; H-14-103651S1
N/A	GS		
See ECN 647721 Sht. 4/26.			

New Generation Transfer Pump

Location

EPN	Manufacturer	Procedure Number	Essential Drawings
Description	Model Number	Data Sheet No	H-14 #
Field Tag Line 1	Power supply bkr		H-14 rev
Field Tag Line 2	Mech/Elec/Inst	CVI#	H-14 sht
Old ID	Safety Classification		Project Drawings
Comments			
SY101-WT-P-350	Westinghouse Electro-Mechanical Division	N/A	H-14-103656
101-SY Waste Transfer Pump	2A-513-A1	N/A	001
101-SY WASTE TRANSFER PUMP	SY272-WT-EDS-BKR-115	50071	001
	Mech		H-14-103653S1 ; H-14-103641S1 ;
	GS		
N/A			
See ECN 647721 Sht. 4/26.			

Portable Water Supply Skid

POR32-RW-ACC-401	US Filter	N/A	H-14-103657
Flush Dilution Water Accumulator Tank	8524-249-03	N/A	001
FLUSH / DILUTION WATER	N/A	50071	002
ACCUMULATOR TANK	Mech		H-14-103657S1 ; H-14-103605S3
N/A	GS		
POR32-RW-FE-418	Brooks	N/A	H-14-103657
Water Skid Flow Element	7402DSA1N1AAAA	N/A	001
	CB-13	50071	002
	Inst		H-14-103671S2;
N/A	GS		

NPT-3051, Rev. 0				
Location				
EPN	Manufacturer	Procedure Number	Essential Drawings	
Description	Model Number	Data Sheet No	H-14 #	
Field Tag Line 1	Power supply bkr		H-14 rev	
Field Tag Line 2	Mech/Elec/Inst	CVI#	H-14 sht	
Old ID	Safety Classification		Project Drawings	
Comments				
POR32-RW-FO-401	HiLine	N/A	H-14-103657	
ACC-401 Flow Office	N/A, Custom Made	N/A	001	
	N/A		002	
N/A	Mech	50071	H-14-103674S1;	
	GS			
POR32-RW-FQIT-418	Brooks	N/A	H-14-103657	
Outlet Line Flow	3525C3B1B111A	N/A	001	
	CB-13		002	
N/A	Inst	50071	H-14-103671S1 ; H-14-103671S2 ; H-14-103605S2	
	GS			
Information displayed is for information only.				
POR32-RW-LALL-416B	Edwards	N/A	N/A	
Red Alarm Light on Water Skid	94DV2R-N5	N/A	N/A	
	CB-13		N/A	
N/A	Elec	50071	H-14-103672S1 ; H-14-103672S2 ; H-14-103605S1 ;	
	GS			
POR32-RW-LE-416	Magnetrol	3-MISC-518	H-14-103657	
Surge Tank Level Element	842-100-C00	WT-6245	001	
TK-401 LEVEL	CB-13		002	
SENSING ELEMENT	Inst	50071	H-14-103657S1 ; H-14-103605S2	
N/A	GS			

<i>Location</i>					
<i>EPN</i>	<i>Description</i>	<i>Manufacturer</i>	<i>Procedure Number</i>	<i>Essential Drawings</i>	
	<i>Field Tag Line 1</i>	<i>Model Number</i>	<i>Data Sheet No</i>	<i>H-14 #</i>	
	<i>Field Tag Line 2</i>	<i>Power supply bkr</i>		<i>H-14 rev</i>	
	<i>Old ID</i>	<i>Mech/Elec/Inst</i>	<i>CVI#</i>	<i>H-14 shd</i>	
<i>Comments</i>	<i>Safety Classification</i>			<i>Project Drawings</i>	
POR32-RW-LXA-416B		Edwards	N/A	N/A	
Amber Alarm Light on Water Skid		94DV2A-N5	N/A	N/A	
		CB-13		N/A	
N/A		Elec	50071	H-14-103672S1 ; H-14-103672S2 ; H-14-103605S1 ;	
		GS			
POR32-RW-M-401		Lincoln Electric	5-EDS-050	H-14-103657	
Flush/Dilution Pump Motor		20 Hp, 1200rpm, 286T	WT-6385	001	
		CB-2		002	
N/A		Elec	50071	H-14-103670S1 ; H-14-103671S1 ;	
		GS			
POR32-RW-M-402		Lincoln Electric	5-EDS-050	H-14-103657	
Backup Flush/Dilution Pump Motor		20 Hp, 1200rpm, 286T	WT-6383	001	
		CB-3		002	
N/A		Elec	50071	H-14-103670S1 ; H-14-103671S1 ;	
		GS			
POR32-RW-P-401		Edwards Manufacturing Inc.	N/A	H-14-103657	
Flush/Dilution Pump		160-338	WT-6386	001	
FLUSH / DILUTION PUMP		CB-2		002	
N/A		Mech	50071	H-14-103657S1 ; H-14-103605S2	
		GS			

Location

EPN	Manufacturer	Procedure Number	Essential Drawings
Description	Model Number	Data Sheet No	H-14 #
Field Tag Line 1	Power supply bkr		H-14 rev
Field Tag Line 2	Mech/Elec/Inst	CVI#	H-14 sht
Old ID	Safety Classification		Project Drawings
Comments			
POR32-RW-P-402	Edwards Manufacturing Inc.	N/A	H-14-103657
Backup Flush/Dilution Pump	160-338	WT-6384	001
BACKUP FLUSH / DILUTION PUMP	CB-3		002
N/A	Mech	50071	H-14-103657S1 ; H-14-103605S2
	GS		
POR32-RW-PCV-401	Shamrock	N/A	H-14-103657
Raw Water Outlet Line Pressure Control Valve	21850	WT-6382	001
RAW WATER OUTLET LINE PRESSURE	N/A		002
CONTROL VALVE	Mech	50071	H-14-103657S1 ; H-14-103605S2
N/A	GS		
POR32-RW-PIT-417	Yokogawa	6-PCD-373	H-14-103657
Outlet Hose Pressure Transducer	EJA-430A-EAS4B-92EA/FF1/D1	WT-6376	001
OUTLET LINE PRESSURE	CB-13		002
SENSING ELEMENT	Inst	50071	H-14-103657S1 ; H-14-103671S1 ; H-14-103605S2
N/A	GS		
POR32-RW-PRV-401	Kunkle	N/A	H-14-103657
P-401 Outlet Line Pressure Relief Valve	912BEDM01	N/A	001
P-401 OUTLET LINE PRESSURE	N/A		002
RELIEF VALVE	Mech	50071	H-14-103657S1 ; H-14-103605S2
N/A	GS		

Location		Manufacturer		Procedure Number	Essential Drawings		
EPN	Description	Model Number	Power supply bkr	Data Sheet No	H-14 #	H-14 rev	H-14 sht
Field Tag Line 1	Field Tag Line 2	Mech/Elec/Inst	Safety Classification	CVI#	Project Drawings		
Old ID	Comments						
POR32-RW-PRV-402		Kunkle		N/A	H-14-103657		
P-402 Outlet Line Pressure Relief Valve		912BEDM01		WT-6381	001		
P-402 OUTLET LINE PRESSURE		N/A			002		
RELIEF VALVE		Mech		50071	H-14-103657S1 ; H-14-103605S2		
N/A		GS					
POR32-RW-PRV-403		Kunkle		N/A	H-14-103657		
Accumulator ACC-401 Pressure Relief Valve		6010DC01-KM0250		WT-6380	001		
ACCUMULATOR ACC-401		N/A			002		
PRESSURE RELIEF VALVE		Mech		50071	H-14-103657S1 ; H-14103605S3		
N/A		GS					
POR32-RW-REG-402		Victor		N/A	H-14-103657		
Air Supply Tank TK-402 Pressure Regulator		0781-9134		N/A	001		
AIR SUPPLY TANK TK-402		N/A			002		
PRESSURE REGULATOR		Mech		50071	H-14-103657S1 ; H-14-103605S2		
N/A		GS					
POR32-RW-SG-401		Justin		N/A	H-14-103657		
Holding Tank TK-401 Level Sight Glass		Supplied by Hanford		N/A	001		
HOLDING TANK TK-401 LEVEL		N/A			002		
SIGHT GLASS		Mech		50071	H-14-103657S1 ;		
N/A		GS					

Location

EPN	Manufacturer	Procedure Number	Essential Drawings
Description	Model Number	Data Sheet No	H-14 #
Field Tag Line 1	Power supply bkr		H-14 rev
Field Tag Line 2	Mech/Elec/Inst	CV/1#	H-14 sht
Old ID	Safety Classification		Project Drawings
Comments			
POR32-RW-SOV-401	Jamesbury	N/A	H-14-103657
Raw Water Supply to Skid Solenoid Operated Isolation	9150312236MT/ERS001M	N/A	001
RAW WATER SUPPLY TO SKID	CB-13	N/A	002
SOLENOID OPERATED ISOLATION VLV	Mech	50071	H-14-103657S1 ; H-14-103671S1 ; H-14-103671S2 ; H-14-103605S2
N/A	GS		
POR32-RW-STR-401	Mueller	N/A	H-14-103657
Strainer on inlet to Pump 401	20-11M-01	N/A	001
	N/A	N/A	002
N/A	Mech	50071	H-14-103657S1 ;
	GS		
POR32-RW-STR-402	Mueller	N/A	H-14-103657
Strainer on inlet to Pump 402	20-11M-01	N/A	001
	N/A	N/A	002
N/A	Mech	50071	H-14-103657S1 ;
	GS		
POR32-RW-TC-411	Hotfoil		H-14-103657
Surge Tank Heat Trace Controller	C-4058	6-TCD-480	001
TK-401 HEAT TRACE	CB-6	WT-6342	002
TEMPERATURE CONTROLLER	Inst	50071	H-14-103605S2
N/A	GS		

Location				
EPN	Manufacturer	Procedure Number	Essential Drawings	
Description	Model Number	Data Sheet No	H-14 #	
Field Tag Line 1	Power supply bkr		H-14 rev	
Field Tag Line 2	Mech/Elec/Inst	CVI#	H-14 sht	
Old ID	Safety Classification		Project Drawings	
Comments				
POR32-RW-TE-410	Cobra Wirer and Cable	N/A	H-14-103657	
Inlet Hose Temperature Element	jlspla-alpha	N/A	001	
INLET LINE TEMPERATURE	N/A		002	
SENSING ELEMENT	Inst	50071	H-14-103657/S1 ; H-14-103605S2	
N/A	GS			
Integral part of hose.				
POR32-RW-TE-411A	Justin	N/A	H-14-103657	
Surge Tank Wall Temperature Element	UE-55	N/A	001	
TK-401 TEMPERATURE	N/A		002	
SENSING ELEMENT	Inst	50071	H-14-103657/S1 ; H-14-103605S2	
N/A	GS			
POR32-RW-TE-411B	Justin	N/A	H-14-103657	
Surge Tank Wall Temperature Element	UE-55	N/A	001	
	N/A		002	
N/A	Inst	50071	H-14-103657/S1 ; H-14-103605S2	
	GS			
POR32-RW-TE-412	Wallow	N/A	H-14-103657	
Surge Tank Water Temperature Element	AFGMOTFXXXVJ300	N/A	001	
TK-401 TEMPERATURE	CB-13		002	
SENSING ELEMENT	Inst	50071	H-14-103657/S1 ; H-14-103671S1 ; H-14-103671S2 ; H-14-103605S2	
N/A	GS			

Location	EPN	Description	Manufacturer Model Number Power supply bkr Mech/Elect/Inst Safety Classification	Procedure Number Data Sheet No CVI#	Essential Drawings H-14 # H-14 rev H-14 sht Project Drawings
	POR32-RW-TE-413	Skid Piping Temperature Element SKID PIPING TEMPERATURE SENSING ELEMENT N/A	Wallow 72XJWGB012 N/A Inst GS	N/A N/A 50071	H-14-103657 001 002 H-14-103657S1 ; H-14-103605S2
	POR32-RW-TE-414	Accumulator Wall Temperature Element ACC-401 TEMPERATURE SENSING ELEMENT N/A	Wallow 70XJTUD012 N/A Inst GS	N/A N/A 50071	H-14-103657 001 002 H-14-103657S1 ; H-14-103605S2
	POR32-RW-TE-415	Outlet Hose Temperature Element OUTLET LINE TEMPERATURE SENSING ELEMENT N/A Integral part of hose.	Cobra Wreir and Cable jlspla-alpha N/A Inst GS	N/A N/A 50071	H-14-103657 001 002 H-14-103657S1 ;
	POR32-RW-TK-401	Flush/Dilution Water Holding Tank FLUSH / DILUTION WATER HOLDING TANK N/A	Justin Supplied by Hanford N/A Mech GS	N/A N/A 50071	H-14-103657 001 002 H-14-103657S1 ; H-14-103605S2

Location

EPN	Manufacturer	Procedure Number	Essential Drawings
Description	Model Number	Data Sheet No	H-14 #
Field Tag Line 1	Power supply bkr		H-14 rev
Field Tag Line 2	Mech/Elec/Inst	CVI#	H-14 sht
Old ID	Safety Classification		Project Drawings
Comments			
POR32-RW-TK-402	Noirco	N/A	H-14-103657
Pressurized Air Supply Tank	T 10LSE	N/A	001
PRESSURIZED AIR SUPPLY TANK	N/A	N/A	002
N/A	Mech	50071	H-14-103657S1 ; H-14-103605S2
	GS		
POR32-RW-V-401	Velan	N/A	H-14-103657
Raw Water Supply to Skid Isolation Valve	F007C02TY	N/A	001
RAW WATER SUPPLY TO SKID	N/A	N/A	002
ISOLATION VALVE	Mech	50071	H-14-103657S1 ; H-14-103605S2
N/A	GS		
POR32-RW-V-402	Tyco	N/A	H-14-103657
P-401 Inlet Isolation Valve	CR1703020F83000	N/A	001
P-401 INLET ISOLATION VALVE	N/A	N/A	002
N/A	Mech	50071	H-14-103657S1 ;
	GS		
POR32-RW-V-403	Tyco	N/A	H-14-103657
P-402 Inlet Isolation Valve	CR1703020F83000	N/A	001
P-402 INLET ISOLATION VALVE	N/A	N/A	002
N/A	Mech	50071	H-14-103657S1 ;
	GS		

Location

EPN	Manufacturer	Procedure Number	Essential Drawings
Description	Model Number	Data Sheet No	H-14 #
Field Tag Line 1	Power supply bkr		H-14 rev
Field Tag Line 2	Mech/Elec/Inst	CVI#	H-14 sht
Old ID	Safety Classification		Project Drawings
Comments			
POR32-RW-V-404	Tyco	N/A	H-14-103657
P-401 Outlet Isolation Valve	CR1703020F83000	N/A	001
P-401 OUTLET ISOLATION VALVE	N/A	N/A	002
N/A	Mech	50071	H-14-103657S1 ; H-14-103605S2
	GS		
POR32-RW-V-405	Tyco	N/A	H-14-103657
P-402 Outlet Isolation Valve	CR1703020F83000	N/A	001
P-402 OUTLET ISOLATION VALVE	N/A	N/A	002
N/A	Mech	50071	H-14-103657S1 ; H-14-103605S2
	GS		
POR32-RW-V-406	Tyco	N/A	H-14-103657
Flush Drain Isolation Valve	CR1703020F83000	N/A	001
FLUSH DRAIN ISOLATION VALVE	N/A	N/A	002
N/A	Mech	50071	H-14-103657S1 ; H-14-103605S2
	GS		
POR32-RW-V-407	Tyco	N/A	H-14-103657
Outlet Line Isolation Valve	CR1703020F83000	N/A	001
OUTLET LINE ISOLATION VALVE	N/A	N/A	002
N/A	Mech	50071	H-14-103657S1 ; H-14-103605S2
	GS		

Location

EPN	Manufacturer	Procedure Number	Essential Drawings
<i>Description</i>	<i>Model Number</i>	<i>Data Sheet No</i>	<i>H-14 #</i>
<i>Field Tag Line 1</i>	<i>Power supply bkr</i>		<i>H-14 rev</i>
<i>Field Tag Line 2</i>	<i>Mech/Elec/Inst</i>	<i>CVI#</i>	<i>H-14 sht</i>
<i>Old ID</i>	<i>Safety Classification</i>		<i>Project Drawings</i>
<i>Comments</i>			
POR32-RW-V-408	Tyco	N/A	H-14-103657
Accumulator ACC-401 Vent Isolation Valve	CR1703020F83000	N/A	001
ACCUMULATOR ACC-401 VENT	N/A	N/A	002
ISOLATION VALVE	Mech	50071	H-14-103657S1 ; H-14-103605S3
N/A	GS		
POR32-RW-V-409	Tyco	N/A	H-14-103657
Accumulator ACC-401 Isolation Valve	CR1703020F83000	N/A	001
ACCUMULATOR ACC-401	N/A	N/A	002
ISOLATION VALVE	Mech	50071	H-14-103657S1 ;
N/A	GS		
POR32-RW-V-411	COM'L	N/A	H-14-103657
Pump Inlet Line Drain Isolation Valve	1/2" Ball Valve	N/A	001
PUMP INLET LINE DRAIN	N/A	N/A	002
ISOLATION VALVE	Mech	50071	H-14-103657S1 ;
N/A	GS		
POR32-RW-V-412	Justin	N/A	H-14-103657
TK-401 Sight Glass Lower Isolation Valve	Supplied by Hanford	N/A	001
TK-401 SIGHT GLASS LOWER	N/A	N/A	002
ISOLATION VALVE	Mech	50071	H-14-103657S1 ; H-14-103605S2
N/A	GS		

Location					
EPN	Manufacturer	Procedure Number	Essential Drawings		
Description	Model Number	Data Sheet No	H-14 #		
Field Tag Line 1	Power supply bkr		H-14 rev		
Field Tag Line 2	Mech/Elec/Inst	CVI#	H-14 sht		
Old ID	Safety Classification		Project Drawings		
Comments					
POR32-RW-V-413	Justin	N/A	H-14-103657		
TK-401 Sight Glass Lower Isolation Valve	Supplied by Hamford	N/A	001		
TK-401 SIGHT GLASS UPPER	N/A	N/A	002		
ISOLATION VALVE	Mech	50071	H-14-103657S1 ; H-14-103605S2		
N/A	GS				
POR32-RW-V-414	COM'L	N/A	H-14-103657		
Drain Valve on the inlet side of Pump 402	1/2" Ball Valve	N/A	001		
	N/A	N/A	002		
N/A	Mech	50071	H-14-103657S1 ; H-14-103605S3		
	GS				
POR32-RW-V-415	COM'L	N/A	H-14-103657		
Drain Valve on the inlet to the Water Supply Skic	1/2" Ball Valve	N/A	001		
	N/A	N/A	002		
N/A	Mech	50071	H-14-103605S2;		
	GS				
POR32-RW-V-416	COM'L	N/A	H-14-103657		
Drain Valve on the inlet of Tank 401	1/2" Ball Valve	N/A	001		
	N/A	N/A	002		
N/A	Mech	50071	H-14-103605S2;		
	GS				

Location

EPN	Manufacturer	Procedure Number	Essential Drawings
Description	Model Number	Data Sheet No	H-14 #
Field Tag Line 1	Power supply bkr		H-14 rev
Field Tag Line 2	Mech/Elec/Inst	CVI#	H-14 sht
Old ID	Safety Classification		Project Drawings
Comments			
POR32-RW-V-417	COM'L	N/A	H-14-103657
Drain Valve on the overpressure return line from Pump	1/2" Ball Valve	N/A	001
	N/A		002
N/A	Mech	50071	H-14-103605S2;
	GS		

Portable Water Supply Skid Operator Panel

CB-10	Square D	N/A	N/A
Accumulator Water Trace	QO220	N/A	N/A
	CB-5		N/A
N/A	Elec	50071	H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ;
	GS		
CB-11	Square D	N/A	N/A
Skid Trace Heat	QO220	N/A	N/A
	CB-5		N/A
N/A	Elec	50071	H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ;
	GS		

<i>Location</i>						
<i>EPN</i>	<i>Description</i>	<i>Manufacturer</i>	<i>Procedure Number</i>	<i>Essential Drawings</i>		
<i>Field Tag Line 1</i>		<i>Model Number</i>	<i>Data Sheet No</i>	<i>H-14 #</i>		
<i>Field Tag Line 2</i>		<i>Power supply bkr</i>		<i>H-14 rev</i>		
<i>Old ID</i>		<i>Mech/Elec/Inst</i>	<i>CVI#</i>	<i>H-14 sht</i>		
<i>Comments</i>		<i>Safety Classification</i>		<i>Project Drawings</i>		
CB-12	Inlet Hose Trace Heat	Square D OO230EPD	N/A	N/A		
		CB-5	N/A	N/A		
N/A		Elec	50071	H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ;		
		GS				
CB-13	Controls	Square D OO120GFI	N/A	N/A		
		CB-5	N/A	N/A		
N/A		Elec	50071	H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ; H-14-103671S1 ;		
		GS				
CB-14	Circuit Breaker for Convenience Receptacle (A)	Square D OO120GFI	N/A	N/A		
		CB-5	N/A	N/A		
N/A		Elec	50071	H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ;		
		GS				
CB-16	Circuit Breaker for Convenience Receptacle (B)	Square D OO120GFI	N/A	N/A		
		CB-5	N/A	N/A		
N/A		Elec	50071	H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ;		
		GS				

<i>Location</i>		<i>Manufacturer</i>			<i>Procedure Number</i>		<i>Essential Drawings</i>	
<i>EPN</i>	<i>Description</i>	<i>Model Number</i>	<i>Power supply bkr</i>	<i>Mech/Elec/Inst</i>	<i>Data Sheet No</i>	<i>H-14 #</i>	<i>H-14 rev</i>	<i>H-14 sht</i>
<i>Old ID</i>	<i>Field Tag Line 1</i>	<i>Field Tag Line 2</i>	<i>Safety Classification</i>	<i>CVI#</i>	<i>CVI#</i>	<i>Project Drawings</i>		
<i>Comments</i>								
CB-2	Pump 401 Circuit Breaker	Square D FAL-36050	POR32-RW-DS-401	Elec GS	N/A N/A 50071	N/A N/A H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ; H-14-103671S1 ;		
N/A								
CB-3	Pump 402 Circuit Breaker	Square D FAL-36050	POR32-RW-DS-401	Elec GS	N/A N/A 50071	N/A N/A H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ; H-14-103671S1 ;		
N/A								
CB-5	Panel Circuit Breaker	Square D QO13040M200	POR32-RW-DS-401	Elec GS	N/A N/A 50071	N/A N/A H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ; H-14-103671S1 ;		
N/A								
CB-6	2000 Gallon Tank Heat Trace Circuit Breaker	Square D QO215			N/A N/A 50071	N/A N/A H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ; H-14-103671S1 ;		
N/A								

<i>Location</i>		<i>Manufacturer</i>			<i>Procedure Number</i>		<i>Essential Drawings</i>	
<i>EPN</i>	<i>Description</i>	<i>Model Number</i>	<i>Power supply bkr</i>	<i>Mech/Elec/Inst</i>	<i>Data Sheet No</i>	<i>CVI#</i>	<i>H-14 #</i>	<i>Project Drawings</i>
<i>Field Tag Line 1</i>	<i>Field Tag Line 2</i>	<i>Safety Classification</i>					<i>H-14 rev</i>	
<i>Old ID</i>	<i>Comments</i>						<i>H-14 sht</i>	
CB-7	240V Transfer Line Heat Trace (A) Receptical	Square D	QO230EPD		N/A		N/A	
		CB-5			N/A		N/A	
N/A		Elec			50071		H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ; H-14-103671S1 ;	
		GS						
CB-8	240V Transfer Line Heat Trace (B) Receptical	Square D	QO230EPD		N/A		N/A	
		CB-5			N/A		N/A	
N/A		Elec			50071		H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ; H-14-103671S1 ;	
		GS						
CB-9	Exit Hose Reel (Trace Heat)	Square D	QO230EPD		N/A		N/A	
		CB-5			N/A		N/A	
N/A		Elec			50071		H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ;	
		GS						
CR-1	SOV-401 Control Relay	Turck	C3-A30X/120V		N/A		N/A	
		CB-13			N/A		N/A	
N/A		Elec			50071		H-14-103672S1 ; H-14-103672S3 ; H-14-103671S1 ; H-14-103671S2 ;	
		GS						

Location							
EPN	Description	Manufacturer	Procedure Number	Essential Drawings			
Field Tag Line 1	Field Tag Line 2	Model Number	Data Sheet No	H-14 #			
Old ID		Power supply bkr	CVI#	H-14 rev			
Comments		Mech/Elec/Inst		H-14 sht			
		Safety Classification		Project Drawings			
CR-10	TIC-410 Control Relay	Wattlow	N/A	N/A			
		SSR-240-40A-DC1	N/A	N/A			
		CB-13		N/A			
N/A		Elec	50071	H-14-103672S1 ; H-14-103672S3 ; H-14-103671S1 ; H-14-103671S2 ; H-14-103671S3 ;			
		GS					
CR-13	TIC-413 Control Relay	Wattlow	N/A	N/A			
		SSR-240-40A-DC1	N/A	N/A			
		CB-13		N/A			
N/A		Elec	50071	H-14-103672S1 ; H-14-103672S3 ; H-14-103671S1 ; H-14-103671S2 ; H-14-103671S3 ;			
		GS					
CR-14	TIC-414 Control Relay	Wattlow	N/A	N/A			
		SSR-240-40A-DC1	N/A	N/A			
		CB-13		N/A			
N/A		Elec	50071	H-14-103672S1 ; H-14-103672S3 ; H-14-103671S1 ; H-14-103671S2 ; H-14-103671S3 ;			
		GS					
CR-15	TIC-415 Control Relay	Wattlow	N/A	N/A			
		SSR-240-40A-DC1	N/A	N/A			
		CB-13		N/A			
N/A		Elec	50071	H-14-103672S1 ; H-14-103672S3 ; H-14-103671S1 ; H-14-103671S2 ; H-14-103671S3 ;			
		GS					

<i>Location</i>						
<i>EPN</i>	<i>Description</i>	<i>Manufacturer</i>	<i>Procedure Number</i>	<i>Essential Drawings</i>		
<i>Field Tag Line 1</i>		<i>Model Number</i>	<i>Data Sheet No</i>	<i>H-14 #</i>		
<i>Field Tag Line 2</i>		<i>Power supply bkr</i>		<i>H-14 rev</i>		
<i>Old ID</i>		<i>Mech/Elec/Inst</i>	<i>CVI#</i>	<i>H-14 sht</i>		
<i>Comments</i>		<i>Safety Classification</i>		<i>Project Drawings</i>		
Emergency Stop		Square D	N/A	N/A		
Emergency Stop Button for CP-401		9001SKR325R	N/A	N/A		
		CB-13		N/A		
N/A		Elec	50071	H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ;		
		GS				
PLC, Level Control		Siemens	N/A	N/A		
PLC for Level Alarms		C3-A30X/120V	N/A	N/A		
		CB-13		N/A		
N/A		Elec	50071	H-14-103672S1 ; H-14-103672S3 ; H-14-103671S1 ; H-14-103671S2 ;		
		GS				
POR32-RW-AC-401		Noren	N/A	N/A		
CP-401 temperature control element		CC600F	N/A	N/A		
		N/A		N/A		
N/A		Mech	50071			
		GS				
POR32-RW-CP-401		Hiline	N/A	H-14-103657		
Raw Water Support Skid Control Panel		9903-LMH-046E	N/A	001		
RAW WATER SUPPORT SKID		POR32-RW-DS-401		002		
CONTROL PANEL		Elec	50071	H-14-103657S1 ;		
N/A		GS				

Location		Essential Drawings			
EPN		Procedure Number	H-14 #		
Description	Manufacturer	Data Sheet No	H-14 rev	H-14 sht	Project Drawings
Field Tag Line 1	Model Number				
Field Tag Line 2	Power supply bkr				
Old ID	Mech/Elec/Inst	CVI#			
Comments	Safety Classification				
POR32-RW-DS-401	Square D	N/A	N/A		
Raw Water Support Skid Main Power Disconnect	KAL-36150	N/A	N/A		
RAW WATER SUPPORT SKID	SY272-EDS-BKR-114				
MAIN POWER DISCONNECT	Elec	50071			H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ; H-14-103671S1 ;
N/A	GS				
See EGN 647721 Sht. 4/26.					
POR32-RW-FI-418	Red Lion	N/A	H-14-103657		
Outlet Line Flow Indicator	CUB4LP00	N/A	001		
OUTLET LINE FLOW INDICATOR	CB-13		002		
	Inst	50071			H-14-103671S2;
N/A	GS				
Indication is for information only.					
POR32-RW-FQI-418	Red Lion	N/A	H-14-103657		
Outlet Line Flow	PAXP0000	N/A	001		
OUTLET LINE FLOW	CB-13		002		
TOTALIZER INDICATOR	Inst	50071			H-14-103672S1 ; H-14-103672S2 ;
N/A	GS				
Indication is for information only.					
POR32-RW-HM-401	Yokogawa	N/A	H-14-103657		
Hour Meter 1, Panel 401	240-211-AAAB	N/A	001		
	CB-13		002		
	Inst	50071			H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ; H-14-103671S1 ;
N/A	GS				

Location		Essential Drawings			
EPN	Description	Manufacturer	Procedure Number	H-14 #	
		Model Number	Data Sheet No	H-14 rev	H-14 sht
		Power supply bkr	CVI#	Project Drawings	
		Mech/Elec/Inst			
Old ID		Safety Classification			
Comments					
POR32-RW-HM-402	Hour Meter 1, Panel 401	Yokogawa	N/A	H-14-103657	
		240-211-AAAB	N/A	001	
		CB-13	50071	002	
N/A		Inst		H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ; H-14-103671S1 ;	
		GS			
POR32-RW-HS-401	Flush Dilution Pump Selector Switch	Square D	N/A	H-14-103657	
FLUSH / DILUTION PUMP CONTROL		9001SKS43B	N/A	001	
P-401 / OFF / P-402		CB-13	50071	002	
N/A		Elec		H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ;	
		GS			
Should be POR32-RW-SS-401, three position switch.					
POR32-RW-HS-410	Inlet Line Heat Trace On/Off Hand Switch	Square D	N/A	H-14-103657	
INLET LINE HEAT TRACE		9001SKS11B	N/A	001	
ON / OFF		CB-13	50071	002	
N/A		Elec		H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ;	
		GS			
POR32-RW-HS-411	TK-401 Heat Trace On/Off Hand Switch	Square D	N/A	H-14-103657	
TK-401 HEAT TRACE		9001SKS11B	N/A	001	
ON / OFF		CB-13	50071	002	
N/A		Elec		H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ;	
		GS			

Location		Essential Drawings			
EPN	Procedure Number	Manufacturer	Model Number	Power supply bkr	CVI#
Field Tag Line 1	Data Sheet No	Power supply bkr	Mech/Elec/Inst	Safety Classification	Old ID
Field Tag Line 2	CVI#	Old ID	Comments	Comments	Comments
POR32-RW-HS-413	N/A	Square D	9001SKS11B	SKID Piping Heat Trace On/Off Hand Switch	H-14-103657
SKID PIPING HEAT TRACE	N/A	CB-13	Elec	ON / OFF	001
N/A	50071	GS			002
					H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ;
POR32-RW-HS-414	N/A	Square D	9001SKS11B	ACC-401 Heat Trace On/Off Hand Switch	H-14-103657
ACC-401 HEAT TRACE	N/A	CB-13	Elec	ON / OFF	001
N/A	50071	GS			002
					H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ;
POR32-RW-HS-415	N/A	Square D	9001SKS11B	Outlet Line Heat Trace On/Off Hand Switch	H-14-103657
OUTLET LINE HEAT TRACE	N/A	CB-13	Elec	ON / OFF	001
N/A	50071	GS			002
					H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ;
POR32-RW-LAH-416	N/A	Square D	9001SK2LG38	TK-401 Level Alarm High	H-14-103657
TK-401 LEVEL ALARM HIGH	N/A	CB-13	Elec		001
N/A	50071	GS			002
Tested as part of test of LE-416.					H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ;

Location

EPN	Manufacturer	Procedure Number	Essential Drawings
Description	Model Number	Data Sheet No	H-14 #
Field Tag Line 1	Power supply bkr		H-14 rev
Field Tag Line 2	Mech/Elec/Inst	CVI#	H-14 sht
Old ID	Safety Classification		Project Drawings
Comments			
POR32-RW-LAHH-416	Square D	N/A	H-14-103657
TK-401 Level Alarm High High	9001SK2LG38	N/A	001
TK-401 LEVEL ALARM HIGH HIGH	CB-13		002
	Elec	50071	H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ;
N/A	GS		
Tested as part of test of LE-416.			
POR32-RW-LAL-416	Square D	N/A	H-14-103657
TK-401 Level Alarm Low	9001SK2LG38	N/A	001
TK-401 LEVEL ALARM LOW	CB-13		002
	Elec	50071	H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ;
N/A	GS		
Tested as part of test of LE-416.			
POR32-RW-LALL-416	Square D	N/A	H-14-103657
TK-401 Level Alarm Low Low	9001SK2LG38	N/A	001
TK-401 LEVEL ALARM LOW LOW	CB-13		002
	Elec	50071	H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ;
N/A	GS		
Tested as part of test of LE-416.			
POR32-RW-LALL-416A	Edwards	N/A	H-14-103657
Red Alarm Light on CP-401	94DV2R-N5	N/A	001
	CB-13		002
	Elec	50071	H-14-103672S1 ; H-14-103672S2 ; H-14-103605S1 ;
N/A	GS		

Location				
EPN	Manufacturer Model Number Power supply bkr Mech/Elec/Inst Safety Classification	Procedure Number Data Sheet No CVI#	Essential Drawings H-14 # H-14 rev H-14 sht Project Drawings	
Comments				
POR32-RW-LXA-416A Amber Alarm Light on CP-401	Edwards 94DV2A-N5 CB-13 Elec GS	N/A N/A 50071	H-14-103657 001 002 H-14-103672S1 ; H-14-103672S2 ; H-14-103605S1 ;	
N/A				
POR32-RW-MC-401 Flush/Dilution Pump Motor Controller FLUSH / DILUTION PUMP MOTOR	Siemens 6SE32224DG40 CB-2, CB-13 Elec GS	N/A N/A 50071	H-14-103657 001 002 H-14-103657S1 ; H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ; H-14-103671S1 ;	
N/A				
POR32-RW-MC-402 Backup Flush/Dilution Pump Motor Controller BACKUP FLUSH / DILUTION PUMP MOTOR	Siemens 6SE32224DG40 CB-3, CB-13 Elec GS	N/A N/A 50071	H-14-103657 001 002 H-14-103657S1 ; H-14-103672S1 ; H-14-103672S3 ; H-14-103670S1 ; H-14-103671S1 ;	
N/A				
POR32-RW-PI-417 Outlet Line Pressure Indicator OUTLET LINE PRESSURE INDICATOR	Red Lion CUB4LP00 CB-13 Inst GS	6-GENI-135 WT-6375 50071	H-14-103657 001 002 H-14-103671S1	
N/A				

Location					
EPN		Manufacturer	Procedure Number	Essential Drawings	
Description		Model Number	Data Sheet No	H-14 #	
Field Tag Line 1		Power supply bkr		H-14 rev	
Field Tag Line 2		Mech/Elec/Inst	CVI#	H-14 sht	
Old ID		Safety Classification		Project Drawings	
Comments					
POR32-RW-TC-401		Hoffman	N/A	H-14-103657	
Panel Temperature Controller		A-TEMNO	N/A	001	
		CB-13	50071	002	
N/A		Inst			
		GS			
POR32-RW-TI-412		Watlow	6-TCD-095	H-14-103657	
Surge Tank Water Temperature Indicator		V4TH-CDAA-AARG	WT-6338	001	
TK-401 TEMPERATURE INDICATOR		CB-13		002	
		Inst	50071		H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ;
N/A		GS			
POR32-RW-TIC-410		Watlow	6-TCD-095	H-14-103657	
Inlet Hose Water Temperature Indicator		V4TH-CDAA-AARG	WT-6337	001	
INLET LINE TEMPERATURE INDICATOR		CB-13		002	
		Inst	50071		H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ; H-14-103671S3 ;
N/A		GS			
POR32-RW-TIC-413		Watlow	6-TCD-095	H-14-103657	
Skid Piping Heat Trace Indicating Controller		V4TH-CDAA-AARG	WT-6339	001	
SKID PIPING HEAT TRACE		CB-13		002	
TEMPERATURE CONTROLLER		Inst	50071		H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ; H-14-103671S3 ;
N/A		GS			

Location

EPN	Manufacturer	Procedure Number	Essential Drawings
Description	Model Number	Data Sheet No	H-14 #
Field Tag Line 1	Power supply bkr		H-14 rev
Field Tag Line 2	Mech/Elec/Inst	CVI#	H-14 sht
Old ID	Safety Classification		Project Drawings
Comments			
POR32-RW-TIC-414	Watlow	6-TCD-085	H-14-103657
Outlet Hose Water Temperature Indicator	V4TH-CDAA-AAAG	WT-6340	001
ACC-401 TEMPERATURE INDICATOR	CB-13		002
N/A	Inst	50071	H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ; H-14-103671S3 ;
	GS		
POR32-RW-TIC-415	Watlow	6-TCD-085	H-14-103657
Outlet Line Temperature Indicator	V4TH-CDAA-AAAG	WT-6341	001
OUTLET LINE	CB-13		002
TEMPERATURE INDICATOR	Inst	50071	H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ; H-14-103671S3 ;
N/A	GS		
POR32-RW-UPS-401	PC Connection	N/A	N/A
UPS for CP-401	56168	N/A	N/A
	CB-13		N/A
N/A	Elec	50071	H-14-103672S1 ; H-14-103671S1 ; H-14-103671S2 ;
	GS		
POR32-RW-XFMR-401	Square D	N/A	N/A
480V/240V/120V 50KVA Power Transformer for Water	50S3H	N/A	N/A
	POR32-RW-DS-401		N/A
N/A	Elec	50071	H-14-103605S1 ; H-14-103805S2 ; H-14-103670S1 ; H-14-103671S1 ;
	GS		

<i>Location</i>					
<i>EPN</i>	<i>Description</i>	<i>Manufacturer Model Number</i>	<i>Procedure Number Data Sheet No</i>	<i>Essential Drawings H-14 #</i>	
	<i>Field Tag Line 1</i>	<i>Power supply bkr</i>		<i>H-14 rev</i>	
	<i>Field Tag Line 2</i>	<i>Mech/Elec/Inst</i>	<i>CVI#</i>	<i>H-14 sht</i>	
	<i>Old ID</i>	<i>Safety Classification</i>		<i>Project Drawings</i>	
<i>Comments</i>					
	POR32-RW-YAH-416	Edwards	N/A	N/A	
	Alarm Horn on CP-401	876-N5	N/A	N/A	
		CB-13		N/A	
		Elec	50071	H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ;	
	N/A	GS			
	Power Supply	Phoenix	N/A	N/A	
	24VDC Power Supply for CP-401	2939043	N/A	N/A	
		CB-13		N/A	
		Elec	50071	H-14-103672S1 ; H-14-103672S3 ; H-14-103671S1 ;	
	N/A	GS			
	RI-1	Square D	N/A	H-14-103657	
	Run Indication for the Inlet Hose Heat Trace	9001SK2LG38G	N/A	001	
		CB-13		002	
		Elec	50071	H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ;	
	N/A	GS			
	RI-2	Square D	N/A	H-14-103657	
	Run Indication for the Surge Tank Heat Trace	9001SK2LG38G	N/A	001	
		CB-13		002	
		Elec	50071	H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ;	
	N/A	GS			

Location

EPN	Description	Manufacturer	Procedure Number	Essential Drawings
	Field Tag Line 1	Model Number	Data Sheet No	H-14 #
	Field Tag Line 2	Power supply bkr		H-14 rev
	Old ID	Mech/Elec/Inst	CVI#	H-14 sht
	Comments	Safety Classification		Project Drawings
RI-3	Run Indication for the Skid Heat Trace	Square D 9001SK2LG38G	N/A	H-14-103657
		CB-13	N/A	001
		Elec	50071	002
		GS		H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ;
RI-4	Run Indication for the Accumulator Heat Trace	Square D 9001SK2LG38G	N/A	H-14-103657
		CB-13	N/A	001
		Elec	50071	002
		GS		H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ;
RI-5	Run Indication for Pump POR32-RW-P-401	Square D 9001SK2LG38G	N/A	H-14-103657
		CB-13	N/A	001
		Elec	50071	002
		GS		H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ;
RI-6	Run Indication for Pump POR32-RW-P-402	Square D 9001SK2LG38G	N/A	H-14-103657
		CB-13	N/A	001
		Elec	50071	002
		GS		H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ;

EPN	Manufacturer	Procedure Number	Essential Drawings	
Description	Model Number	Data Sheet No	H-14 #	
Field Tag Line 1	Power supply bkr		H-14 rev	
Field Tag Line 2	Mech/Elec/Inst	CVI#	H-14 sht	
Old ID	Safety Classification		Project Drawings	
Comments				
RI-7	Square D	N/A	H-14-103657	
Run indication for the Outlet Hose Heat Trace	9001SK2LG38G	N/A	001	
	CB-13		002	
N/A	Elec	50071	H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ; H-14-103671S2 ;	
	GS			
Start	Square D	N/A	N/A	
Start Button for CP-401	9001SKR9	N/A	N/A	
	CB-13		N/A	
N/A	Elec	50071	H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ;	
	GS			
Stop	Square D	N/A	N/A	
Stop Button for CP-401	9001SKR9	N/A	N/A	
	CB-13		N/A	
N/A	Elec	50071	H-14-103672S1 ; H-14-103672S2 ; H-14-103671S1 ;	
	GS			

Portable Water Supply Skid Valve & Instrumentation Stand

Location	EPN	Description	Field Tag Line 1	Field Tag Line 2	Old ID	Comments	Manufacturer	Model Number	Power supply bkr	Mech/Elec/Inst	Safety Classification	Procedure Number	Data Sheet No	Essential Drawings
														H-14 # H-14 rev H-14 sht Project Drawings
	POR32-RW-FE-419	Valve Stand Flow Element					Brooks	7402D5A1N1AAAA				N/A		H-14-103657
								SY274-WT-EDS-DP-112 CKT 17				N/A		001
							Inst					50071		002
							SC							H-14-103611S1; H-14-103612S1;
	N/A	Non calibratable device.												
	POR32-RW-FQIT-419	Service Water Totalized Flow Indicator					Brooks	3525C381B111A				6-FCD-473		H-14-103657
								SY274-WT-EDS-DP-112 CKT 17				WT-6241		001
							Inst					50071		002
							SC							H-14-103641S2; H-14-103612S1; H-14-103651S1
	N/A													
	POR32-RW-PE-420	Service Water Pressure Transducer					Sensotec	FPG1CN,2U5B6A,1Y				N/A		H-14-103657
		VALVE STND RAW WATER LINE						SY274-WT-EDS-DP-112 CKT 17				N/A		001
		PRESSURE SENSING ELEMENT					Inst					50071		002
		N/A					GS							H-14-103641S2; H-14-103611S1; H-14-103651S1
	POR32-RW-V-410	Valve Stand Raw Water Line Isolation Valve					Fisher Controls	FSCP-AE3LG/300S/T1G/SRG2-FS1008-1				N/A		H-14-103657
		VALVE STAND RAW WATER LINE					N/A					N/A		001
		ISOLATION VALVE					Mech					50071		002
		N/A					GS							H-14-103657S1; H-14-103612S1

Location**EPN****Description****Field Tag Line 1****Field Tag Line 2****Old ID****Comments****SY-101 Transfer Pump Pit**

Manufacturer
Model Number
Power supply bkr
Mech/Elec/Inst
Safety Classification

Procedure Number
Data Sheet No
CVI#

Essential Drawings
H-14 #
H-14 rev
H-14 sht
Project Drawings

LDA-385
Alarm Strobe Light for SY101-WT-LDSTA-385

Tomar Electric
Micro StrobelV, 495S-1280
SY274-WT-EDS-DP-112 CKT 17
Elec
SC

H-14-103656
001
001
H-14-103641S3 ;

N/A
Tested with LDE-365

SY101-WT-ENCL-350
TK-101 Waste Transfer Pump Enclosure
TK-101 WASTE TRANSFER
PUMP ENCLOSURE
N/A

Olympic Tool
HNF-4180, H-14-103571
N/A
Mech
SC

H-14-103656
001
001
H-14-103571S1; H-14-103616S1; H-14-103643S1-3;

SY101-WT-FE-367

Process Fluid Magnetic Flow Tube
TK-101 TO 102 TRANS LINE
FLOW SENSING ELEMENT
N/A
Non calibratable device.

Yokogawa
AE20SDN-CB2-ESA/FF1/FN1
SY274-WT-EDS-DP-112 CKT 17
Inst
SC

H-14-103656
001
001
H-14-103643S1 ; H-14-103643S2 ; H-14-103618S1 ; H-14-103618S3 ; H-14-103641S3 ;H-14-103651S1

Location

EPN Description Field Tag Line 1 Field Tag Line 2 Old ID	Comments	Manufacturer Model Number Power supply bkr Mech/Elec/Inst Safety Classification	Procedure Number Data Sheet No CVI#	Essential Drawings	
				H-14 #	H-14 rev
				H-14 sht	H-14 sht
				Project Drawings	
SY101-WT-LDE-365	Transfer Pump Pit Leak Detector Element	Hanford H-2-34965	3-LDD-042	H-14-103656	
TK-101 TRANS PUMP PIT	LEAK DETECTION ELEMENT	SY274-WT-EDS-DP-112 CKT 17 Inst	WT-6061	001	
N/A	Tested with the LDSTA as part of a loop.	SC	50071	001	
				H-14-103643S1 ; H-14-103643S2 ; H-14-103641S3 ;	
SY101-WT-LDSTA-365	Transfer Pump Pit Leak Detector Station	Hanford H-2-34965	3-LDD-042	H-14-103656	
TK-101 TRANSFER PUMP PIT	LEAK DETECTION TEST STATION	SY274-WT-EDS-DP-112 CKT 17 Inst	WT-6061	001	
N/A	Tested with the LDSTA as part of a loop.	SC	50071	001	
				H-14-103641S3 ;	
SY101-WT-PE-368	Process Fluid Pressure Transducer	Sensotec	N/A	H-14-103656	
TK-101 TO 102 TRANS LINE	PRESSURE SENSING ELEMENT	FRG1CN,2U5B6A,1Y	N/A	001	
N/A		SY274-WT-EDS-DP-112 CKT 17 Inst	50071	001	
		GS		H-14-103643S1 ; H-14-103643S2 ; H-14-103641S3 ; H-14-103651S1	
SY101-WT-PS-370	Flush Water Pressure Switch	SOR	6-PCD-508	H-14-103656	
TK-101 TO 102 TRANSFER LINE	FLUSH PRESSURE SWITCH	6AP-JF2-U8-C1A-X	WT-6368	001	
N/A		SY274-WT-EDS-DP-112 CKT 17 Inst	50071	001	
		SC		H-14-103643S1 ; H-14-103643S2 ; H-14-103641S3 ;	

Location

EPN	Description	Manufacturer	Procedure Number	Essential Drawings
Field Tag Line 1		Model Number	Data Sheet No	H-14 #
Field Tag Line 2		Power supply bkr		H-14 rev
Old ID		Mech/Elec/Inst	CVI#	H-14 sht
Comments		Safety Classification		Project Drawings
SY101-WT-PS-371	Flush Water Pressure Switch	SOR	6-PCD-508	H-14-103656
		6AP-JF2-U8-C1A-X	WT-6369	001
		SY274-WT-EDS-DP-112 CKT 17		001
		Inst	50071	H-14-103643S1 ; H-14-103643S2 ; H-14-103641S3 ;
N/A		SC		
SY101-WT-TE-369	Process Fluid Resistance Temperature Detector	Pyromation	N/A	H-14-103656
P-350 OUTLET LINE		RBF185RG3-3-9300-3	N/A	001
TEMPERATURE SENSING ELEMENT		SY274-WT-EDS-DP-112 CKT 17		001
N/A		Inst	50071	H-14-103643S1 ; H-14-103643S2 ; H-14-103641S3 ; H-14-103651S1
		GS		
SY101-WT-TE-373	Service Water Resistance Temperature Detector	Pyromation	N/A	H-14-103656
RAW WATER SUPPLY LINE		RBF185RG3-3-9300-3	N/A	001
TEMPERATURE SENSING ELEMENT		SY274-WT-EDS-DP-112 CKT 17		001
N/A		Inst	50071	H-14-103643S1 ; H-14-103643S2 ; H-14-103641S3 ; H-14-103651S1
		GS		
SY101-WT-V-351	Transfer Pump Isolation Valve, 2" TRANSFER PUMP OUTLET ISOLATION VALVE	ITT Engineered Valves	N/A	H-14-103656
		2-3121-SCH40-1-T1-ST6-SL4	N/A	001
		N/A		001
		Mech	50071	H-14-103618S1 ; H-14-103618S2 ; H-14-103618S4
N/A		GS		

<i>Location</i>		<i>Manufacturer</i>			<i>Procedure Number</i>		<i>Essential Drawings</i>	
<i>EPN</i>	<i>Description</i>	<i>Model Number</i>	<i>Power supply bkr</i>	<i>Mech/Elec/Inst</i>	<i>Data Sheet No</i>		<i>H-14 #</i>	
<i>Field Tag Line 1</i>	<i>Field Tag Line 2</i>						<i>H-14 rev</i>	
<i>Old ID</i>	<i>Old ID</i>				<i>CVI#</i>		<i>H-14 sht</i>	
<i>Comments</i>		<i>Safety Classification</i>					<i>Project Drawings</i>	
SY101-WT-V-352	Transfer Line Isolation Valve, 2"	ITT Engineered Valves			N/A		H-14-103656	
	TRANSFER LINE ISOLATION VALVE	2-3121-SCH40-1-T1-ST6-SL4			N/A		001	
N/A		N/A			50071		001	
		Mech					H-14-103618S1 , H-14-103618S2 , H-14-103618S4	
		GS						
SY101-WT-V-353	Transfer Flush Isolation Valve, 2"	ITT Engineered Valves			N/A		H-14-103656	
	TRANSFER LINE FLUSH	2-3121-SCH40-1-T1-ST6-SL4			N/A		001	
	ISOLATION VALVE	N/A			50071		001	
N/A		Mech					H-14-103618S1 , H-14-103618S2 , H-14-103618S4	
		GS						
SY101-WT-V-354	Downstream Vacuum Break Valve, 1"	ITT Engineered Valves			N/A		H-14-103656	
	DOWNSTREAM VACUUM BREAK	1-3121-SCH40-1-T1-ST6-SL4			N/A		001	
VALVE		N/A			50071		001	
N/A		Mech					H-14-103618S1 , H-14-103618S2 , H-14-103618S4	
		GS						
SY101-WT-V-355	Upstream Vacuum Break Valve, 1"	ITT Engineered Valves			N/A		H-14-103656	
	UPSTREAM VACUUM BREAK	1-3121-SCH40-1-T1-ST6-SL4			N/A		001	
VALVE		N/A			50071		001	
N/A		Mech					H-14-103618S1 , H-14-103618S2 , H-14-103618S4	
		GS						

Location

EPN	Manufacturer	Procedure Number	Essential Drawings	-
Description	Model Number	Data Sheet No	H-14 #	
Field Tag Line 1	Power supply bkr		H-14 rev	
Field Tag Line 2	Mech/Elec/Inst	CVI#	H-14 sht	
Old ID	Safety Classification		Project Drawings	
Comments				
SY101-WT-V-357	ITT Engineered Valves	N/A	H-14-103656	
ServiceLine Flow Isolation Valve, 2"	2-3121-SCH40-1-T1-ST6-SL4	N/A	001	
RAW WATER ISOLATION VALVE	N/A		001	
N/A	Mech	50071	H-14-103619S1 , H-14-103619S3	
	GS			
SY101-WT-V-358	OIC	N/A	H-14-103656	
Service Water Upstream Check Valve, 2"	S303	N/A	001	
RAW WATER UPSTREAM	N/A		001	
CHECK VALVE	Mech	50071	H-14-103619S1 , H-14-103619S3	
N/A	GS			
SY101-WT-V-359	OIC	N/A	H-14-103656	
Service Water Downstream Check Valve, 2"	S303	N/A	001	
RAW WATER DOWNSTREAM	N/A		001	
CHECK VALVE	Mech	50071	H-14-103619S1 , H-14-103619S3	
N/A	GS			
SY101-WT-V-360	ITT Engineered Valves	N/A	H-14-103656	
Flush Water Isolation Valve, 2"	2-3121-SCH40-1-T1-ST6-SL4	N/A	001	
RAW WATER FLUSH ISOLATION VALVE	N/A		001	
N/A	Mech	50071	H-14-103619S1 , H-14-103619S3	
	GS			

Location					
EPN	Manufacturer	Procedure Number	Essential Drawings		
Description	Model Number	Data Sheet No	H-14 #		
Field Tag Line 1	Power supply bkr		H-14 rev		
Field Tag Line 2	Mech/Elec/Inst		H-14 sht		
Old ID	Safety Classification	CVI#	Project Drawings		
Comments					
SY101-WT-V-361	ITT Engineered Valves	N/A	H-14-103656		
Pump Flush Isolation Valve, 2"	2-3121-SCH40-1-T1-ST6-SL4	N/A	001		
PUMP FLUSH ISOLATION VALVE	N/A		001		
N/A	Mech	50071	H-14-103619S1 , H-14-103619S3		
	GS				
SY101-WT-V-362	ITT Engineered Valves	N/A	H-14-103656		
Dilute Water Isolation Valve, 2"	2-3121-SCH40-1-T1-ST6-SL4	N/A	001		
PUMP DILUTION WATER	N/A		001		
ISOLATION VALVE	Mech	50071	H-14-103619S1 , H-14-103619S3		
N/A	GS				
SY-101 Transfer Pump Pit Operator Panel					
Acknowledge	Square D	N/A	N/A		
Annunciator Acknowledge Pushbutton on Panel 350A	9001-SKR1U	N/A	N/A		
	SY274-WT-EDS-DP-112 CKT 17		N/A		
	Elec	50071	H-14-103654S1 ; H-14-103653S2 ; H-14-103655S1 ;		
N/A	GS				

Location

EPN	Description	Manufacturer	Procedure Number	Essential Drawings
Field Tag Line 1	Model Number	Data Sheet No	H-14 #	
Field Tag Line 2	Power supply bkr		H-14 rev	
Old ID	Mech/Elec/Inst	CVI#	H-14 sht	
Comments	Safety Classification		Project Drawings	
Emergency Stop	Square D	N/A	H-14-103656	
Emergency Stop Push Button Waste Transfer Pump S	9001 KR9RH13	N/A	001	
	SY274-WT-EDS-DP-112 CKT 17	N/A	001	
N/A	Elec	50071	H-14-103653S1 ; H-14-103653S2 ; H-14-103641S5 ;	
	GS			
IL-350A1	Square D	N/A	N/A	
Off Indication Light Waste Transfer Pump SY101-WT-	9001 KT35R6	N/A	N/A	
	SY274-WT-EDS-DP-112 CKT 17	N/A	N/A	
N/A	Elec	50071	H-14-103653S1 ; H-14-103653S2 ; H-14-103655S1 ; H-14-103641S5 ;	
	GS			
IL-350A2	Square D	N/A	N/A	
On Indication Light Waste Transfer Pump SY101-WT-	9001 KT35G6	N/A	N/A	
	SY274-WT-EDS-DP-112 CKT 17	N/A	N/A	
N/A	Elec	50071	H-14-103653S1 ; H-14-103653S2 ; H-14-103655S1 ; H-14-103641S5 ;	
	GS			
LDK-365 (1K1)	Square D	N/A	N/A	
Control Relay for LDSTA-365 Alarm	8501 XDO40V53	N/A	N/A	
	SY274-WT-EDS-DP-112 CKT 17	N/A	N/A	
N/A	Elec	50071	H-14-103653S1 ; H-14-103653S2 ; H-14-103655S1 ;	
Tested with LDE-365.	SC			

Location					
EPN	Manufacturer	Procedure Number	Essential Drawings		
Description	Model Number	Data Sheet No	H-14 #	H-14 rev	H-14 sht
Field Tag Line 1	Power supply bkr				
Field Tag Line 2	Mech/Elec/Inst				
Old ID	Safety Classification	CVI#			Project Drawings
Comments					
LDK-366 (1K2)	Square D	N/A	N/A		
Control Relay for LDSTA-366 Alarm	8501 XDO40V53	N/A	N/A		
	SY274-WT-EDS-DP-112 CKT 17				
	Elec	50071			H-14-103653S1 ; H-14-103653S2 ; H-14-103655S1 ;
N/A	SC				
Tested with LDE-366.					
PSK-370 (1K3)	Square D	N/A	N/A		
Control Relay for PS-370 Alarm	8501 XDO40V53	N/A	N/A		
	SY274-WT-EDS-DP-112 CKT 17				
	Elec	50071			H-14-103653S1 ; H-14-103653S2 ; H-14-103655S1 ;
N/A	SC				
Tested with PS-370.					
PSK-371 (1K4)	Square D	N/A	N/A		
Control Relay for PS-371 Alarm	8501 XDO40V53	N/A	N/A		
	SY274-WT-EDS-DP-112 CKT 17				
	Elec	50071			H-14-103653S1 ; H-14-103653S2 ; H-14-103655S1 ;
N/A	SC				
Tested with PS-371.					
Reset	Square D	N/A	N/A		
Annunciator Reset Pushbutton on Panel 350A	9001-SKR1U	N/A	N/A		
	SY274-WT-EDS-DP-112 CKT 17				
	Elec	50071			H-14-103654S1 ; H-14-103653S2 H-14-103655S1 ;
N/A	GS				

EPN	Manufacturer	Procedure Number	Essential Drawings
<i>Description</i>	<i>Model Number</i>	<i>Data Sheet No</i>	<i>H-14 #</i>
<i>Field Tag Line 1</i>	<i>Power supply bkr</i>		<i>H-14 rev</i>
<i>Field Tag Line 2</i>	<i>Mech/Elec/Inst</i>	<i>CVI#</i>	<i>H-14 sht</i>
<i>Old ID</i>	<i>Safety Classification</i>		<i>Project Drawings</i>
<i>Comments</i>			
SY101-WT-ANN-350A	Ronan	N/A	H-14-103656
Annunciator for SY101-WT-CP-350A	4.4X11 SNLR-4000-N4	N/A	001
	SY274-WT-EDS-DP-112 CKT 17		001
N/A	Elec	50071	H-14-103653S1 ; H-14-103653S2 ; H-14-103655S1 ; H-14-103641S5 ;
Includes Power Supply, Sonalert, Flasher and Pushbutton. Annunciates LDA-365A, LDA-366A, PAH-370A, PAH-371A, and TAL-373A. Tested with each Safety Class Loop.	SC		
SY101-WT-CP-350A	HiLine	N/A	H-14-103656
TK-101 Waste Transfer Pump Control Panel	H-14-103653	N/A	001
TK-101 WASTE TRANSFER PUMP	SY274-WT-EDS-DP-112 CKT 17		001
CONTROL PANEL	Elec	50071	H-14-103652S1 ; H-14-103653S1 ; H-14-103653S2 ; H-14-103641S2 ;
N/A	GS		
SY101-WT-DS-162	Culler-Hammer	N/A	H-14-030031
TK-101 Waste Transfer Pump Disconnect Switch	DH364URK	N/A	001
TK-101 WASTE TRANSFER PUMP	SY272-WT-EDS-BKR-115		003
DISCONNECT SWITCH	Elec	50071	H-14-103652S1 ; H-14-103653S1 ; H-14-103641S1 ;
N/A	GS		
See ECN 647721 Sht. 4/26.			
SY101-WT-FI-367A	Newport Electronics	6-GENI-135	H-14-103656
Process Fluid Flow Indicator	558B-ET-IS1-SPC18	WT-6379	001
TK-101 TO 102 TRANSFER LINE	SY274-WT-EDS-DP-112 CKT 17		001
FLOW INDICATOR	Inst	50071	H-14-103653S1 ; H-14-103653S2 ; H-14-103641S3 ; H-14-103651S1 ;
N/A	GS		

Location

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EPN	Manufacturer	Procedure Number	Essential Drawings
Description	Model Number	Data Sheet No	H-14 #
Field Tag Line 1	Power supply bkr		H-14 rev
Field Tag Line 2	Mech/Elec/Inst	CVI#	H-14 sht
Old ID	Safety Classification		Project Drawings
Comments			
SY101-WT-FI-419	Newport Electronics	6-GENI-135	H-14-103656
Service Water Flow Indicator	558B-ET-IS1-SPC18	WT-6378	001
VALVE STAND RAW WATER LINE	SY274-WT-EDS-DP-112 CKT 17		001
FLOW INDICATOR	Inst	50071	H-14-103653S1 ; H-14-103653S2 ; H-14-103641S2 ; H-14-103651S1 ;
N/A	GS		
SY101-WT-FOIT-367	Yokogawa	6-FCD-454	H-14-103656
Process Fluid Flow Indicating Transmitter	AE14-DA1A/BR/FF1/FN1	WT-6233	001
TK-101 TO 102 TRANSFER LINE	SY274-WT-EDS-DP-112 CKT 17		001
FLOW INDICATING TRANSMITTER	Inst	50071	H-14-103652S1 ; H-14-103641S3 ; H-14-103651S1 ;
N/A	SC		
SY101-WT-LDA-365A	N/A	3-LDD-042	H-14-103656
Transfer Pump Pit Leak Detector Alarm Pilot Light	N/A	WT-6061	001
TK-101 TRANSFER PUMP PIT	SY274-WT-EDS-DP-112 CKT 17		001
LEAK DETECTED	Elec	50071	H-14-103653S1 ; H-14-103653S2 ; H-14-103655S1 ;
N/A	GS		
Panel 4 of SY101-WT-ANN-350A. Tested with the LDSTA as part of a loop.			
SY101-WT-LDA-366A	N/A	3-LDD-042	H-14-103656
SY-102 Riser Extension Leak Detector Alarm Pilot Lig	N/A	WT-6062	001
TK-101 TO 102 TRANSFER LINE	SY274-WT-EDS-DP-112 CKT 17		001
LEAK DETECTED	Elec	50071	H-14-103653S1 ; H-14-103653S2 ; H-14-103655S1 ;
N/A	GS		
Panel 3 of SY101-WT-ANN-350A. Tested with the LDSTA as part of a loop.			

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Location

EPN Description Field Tag Line 1 Field Tag Line 2 Old ID	Manufacturer Model Number Power supply bkr Mech/Elec/Inst Safety Classification	Procedure Number Data Sheet No CVI#	Essential Drawings H-14 # H-14 rev H-14 sht Project Drawings
Comments			
SY101-WT-PAH-370A Flush Water High Pressure Alarm Pilot Light	N/A	N/A	H-14-103656
TK-101 TO 102 TRANSFER LINE	N/A	N/A	001
FLUSH PRESSURE ALARM HIGH	SY274-WT-EDS-DP-112 CKT 17 Elec	50071	001
N/A	GS		H-14-103653S1 ; H-14-103653S2 ; H-14-103655S1 ;
Panel 2 of SY101-WT-ANN-350A			
SY101-WT-PAH-371A Flush Water High Pressure Alarm Pilot Light	N/A	N/A	H-14-103656
	N/A	N/A	001
	SY274-WT-EDS-DP-112 CKT 17 Elec	50071	001
N/A	GS		H-14-103653S1 ; H-14-103653S2 ; H-14-103655S1 ;
Panel 5 of SY101-WT-ANN-350A			
SY101-WT-PI-368 Process Fluid Pressure Indicator	Sensotec AE213-56a	6-PCD-466 WT-6366	H-14-103656
TK-101 TO 102 TRANSFER LINE PRESSURE INDICATOR	SY274-WT-EDS-DP-112 CKT 17 Inst	50071	001
N/A	GS		H-14-103653S1 ; H-14-103653S2 ; H-14-103641S3 ; H-14-103651S1 ;
SY101-WT-PI-420 Service Water Pressure Indicator	Sensotec AE213-56a	6-PCD-466 WT-6367	H-14-103656
VALVE STAND RAW WATER LINE PRESSURE INDICATOR	SY274-WT-EDS-DP-112 CKT 17 Inst	50071	001
N/A	GS		H-14-103653S1 ; H-14-103653S2 ; H-14-103641S2 ; H-14-103651S1 ;

Location

EPN Description Field Tag Line 1 Field Tag Line 2 Old ID Comments	Manufacturer Model Number Power supply bkr Mech/Elec/Inst Safety Classification	Procedure Number Data Sheet No CVI#	Essential Drawings H-14 # H-14 rev H-14 sht Project Drawings
SY101-WT-TAL-373A Service Water Temperature Indicator RAW WATER SUPPLY LINE TEMPERATURE ALARM LOW N/A Panel 1 of SY101-WT-ANN-350A	N/A N/A SY272-WT-EDS-DP-108 CKT 22 Elec GS	N/A N/A 50071	H-14-103656 001 001 H-14-103655S1 ;
SY101-WT-Ti-369A Process Fluid Temperature Indicator TK-101 TRANSFER PUMP OUTLET LINE TEMPERATURE INDICATOR N/A	Newport Electronics 558B-ET-IS1-SPC18 SY272-WT-EDS-DP-108 CKT 22 Inst GS	6-GENI-135 WT-6377 50071	H-14-103656 001 001 H-14-103653S1 ; H-14-103641S3 ; H-14-103651S1 ;
SY101-WT-Ti-373 Service Water Temperature Indicator RAW WATER SUPPLY LINE TEMPERATURE INDICATOR N/A	Newport Electronics 558B-ET-IS1-SPC18 SY274-WT-EDS-DP-112 CKT 17 Inst GS	6-GENI-135 WT-6365 50071	H-14-103656 001 001 H-14-103653S1 ; H-14-103641S3 ; H-14-103651S1 ;
SY101-WT-Ti-369 Process Fluid Temperature Transmitter TK-101 TRANSFER PUMP OUTLET LINE TEMPERATURE TRANSMITTER N/A	Omega CCT-20-0/100C SY274-WT-EDS-DP-112 CKT 17 Inst GS	6-FCD-453 WT-6216 50071	H-14-103656 001 001 H-14-103653S1 ; H-14-103641S3 ; H-14-103651S1 ;

Location

EPN	Manufacturer	Procedure Number	Essential Drawings
<i>Description</i>	<i>Model Number</i>	<i>Data Sheet No</i>	<i>H-14 #</i>
<i>Field Tag Line 1</i>	<i>Power supply bkr</i>		<i>H-14 rev</i>
<i>Field Tag Line 2</i>	<i>Mech/Elec/Inst</i>	<i>CVI#</i>	<i>H-14 shi</i>
<i>Old ID</i>	<i>Safety Classification</i>		<i>Project Drawings</i>
<i>Comments</i>			
SY101-WT-TT-373	Omega	6-FCD-453	H-14-103656
Service Water Temperature Transmitter	CCT-20-0/100C	WT-6217	001
RAW WATER SUPPLY LINE	SY274-WT-EDS-DP-112 CKT 17		001
TEMPERATURE TRANSMITTER	Inst	50071	H-14-103653S1 ; H-14-103653S2 ; H-14-103641S3 ; H-14-103851S1 ;
N/A	GS		

Test	Square D	N/A	N/A
Annunciator Test Pushbutton on Panel 350A	9001-SKR11U	N/A	N/A
	SY274-WT-EDS-DP-112 CKT 17		N/A
	Elec	50071	H-14-103654S1 ; H-14-103653S2 ; H-14-103655S1 ;
N/A	GS		

Transfer Line

CON-HT1	Raychem	N/A	N/A
Contactor for Transfer Line Heat Trace	E-304-40-208/240	N/A	N/A
	CB-7		N/A
	Elec	50071	H-14-103649S1 ; H-14-103649S2 ; H-14-103646S1 ;
N/A	GS		

Location

<i>EPN</i>	<i>Manufacturer</i>	<i>Procedure Number</i>	<i>Essential Drawings</i>
<i>Description</i>	<i>Model Number</i>	<i>Data Sheet No</i>	<i>H-14 #</i>
<i>Field Tag Line 1</i>	<i>Power supply bkr</i>		<i>H-14 rev</i>
<i>Field Tag Line 2</i>	<i>Mech/Elec/Inst</i>	<i>CVI#</i>	<i>H-14 sht</i>
<i>Old ID</i>	<i>Safety Classification</i>		<i>Project Drawings</i>
<i>Comments</i>			
CON-HT2	Raychem	N/A	N/A
Contactor for Tranfer Line Heat Trace	E-304-40-208/240	N/A	N/A
	CB-8		N/A
	Elec	50071	H-14-103649S1 ; H-14-103649S2 ; H-14-103646S1 ;
N/A	GS		
Hose and Hose Assembly	River Bend Hose Specialties		
SY101 to SY102 Transfer Line	HNF-4407	N/A	N/A
	N/A	N/A	N/A
	Mech	50071	H-14-103595S1 ; H-14-103595S2 ; H-14-103595S3 ; H-14-103595S1 ;
N/A	SC		
IL-HT1	Square D	N/A	N/A
On Indication Light for Transfer Line Heat Trace	9001 SKT7R31	N/A	N/A
	CB-7		N/A
	Elec	50071	H-14-103649S1 ; H-14-103649S2 ; H-14-103646S1 ;
N/A	GS		
IL-HT2	Square D	N/A	N/A
On Indication Light for Transfer Line Heat Trace	9001 SKT7R31	N/A	N/A
	CB-8		N/A
	Elec	50071	H-14-103649S1 ; H-14-103649S2 ; H-14-103646S1 ;
N/A	GS		

Location		Manufacturer		Procedure Number		Essential Drawings	
EPN	Description	Model Number	Power supply bkr	Data Sheet No	H-14 #	H-14 rev	H-14 sht
Field Tag Line 1	Field Tag Line 2	Mech/Elec/Inst	Safety Classification	CVI#			Project Drawings
Old ID	Comments						
TS-HT1	Thermostat for Transfer Line Heat Trace	Raychem AMC-1B		N/A	N/A		
		N/A		N/A	N/A		
N/A		Inst GS		50071			H-14-103649S1 ; H-14-103649S2 ; H-14-103646S1 ;
TS-HT2	Thermostat for Transfer Line Heat Trace	Raychem AMC-1B		N/A	N/A		
		N/A		N/A	N/A		
N/A		Inst GS		50071			H-14-103649S1 ; H-14-103649S2 ; H-14-103646S1 ;