12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 1 of 5

ç

Seism	c Walkdown Checklist (SWC)	Status: Y N L
	Equipment ID No.: 2E21-N003	
	Equipment Class: (18) Instruments on Racks	
	Equipment Description: LPCS PP DISCH FLOW XMITTER	14 - 2
	Project: LaSalle 2 SWEL	
	Location (Bldg, Elev, Room/Area): RB, 673.00 ft, ALL	
	Manufacturer/Model:	
This cl SWEL finding	ctions for Completing Checklist necklist may be used to document the results of the Seismic Walkdown of an item of The space below each of the following questions may be used to record the results s. Additional space is provided at the end of this checklist for documenting other con	of judgments and
Ancho		
1.	Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	No
2.	Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3.	Is the anchorage free of corrosion that is more than mild surface oxidation?	Ye
4.	Is the anchorage free of visible cracks in the concrete near the anchors?	Ye
•		
5.	Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)	Not Applicable

•

.

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 2 of 5

Seismic Walkdown Checklist (SWC)	Status: Y N U
	•
Equipment ID No.: 2E21-N003	
Equipment Class: (18) Instruments on Racks	
Equipment Description: LPCS PP DISCH FLOW XMITTER	
Interaction Effects	Vaa
7. Are soft targets free from impact by nearby equipment or structures?	Yes
·	
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and	Yes
masonry block walls not likely to collapse onto the equipment? Overhead light fixtures judged to be acceptable.	
9. Do attached lines have adequate flexibility to avoid damage?	Yes
9. Do allached lines have adequate nexibility to avoid damage?	163
10. Based on the above seismic interaction evaluations, is equipment free of	Yes
potentially adverse seismic interaction effects?	
Other Adverse Conditions 11. Have you looked for and found no adverse seismic conditions that could	Yes
adversely affect the safety functions of the equipment?	163
<u>Comments</u>	
Seismic Walkdown Team: M. Etre & M. Wodarcyk - 9/18/2012	
mllest	
Evaluated by: Mark Etre Date: _1	0/19/2012
Minhael D. Westingthe	
Michael Wodarcyk 1	0/19/2012
	<u> </u>

.

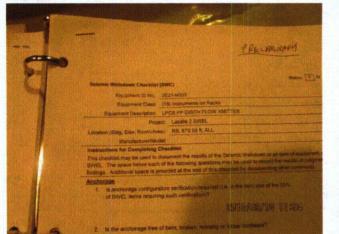
12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 3 of 5



#### Seismic Walkdown Checklist (SWC)

Equipment ID No .:	2E21-N003			
Equipment Class:	(18) Instruments on Racks			
Equipment Description:	LPCS PP DISCH FLOW XMITTER			

#### **Photos**



20120918-Lasalle 148



20120918-Lasalle 150



20120918-Lasalle 149



20120918-Lasalle 151

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 4 of 5

Status: Y N U

### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2E21-N003

Equipment Class: (18) Instruments on Racks

Equipment Description: LPCS PP DISCH FLOW XMITTER



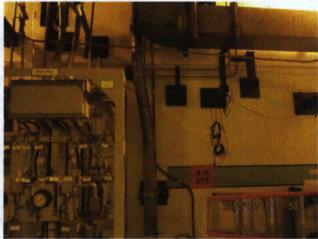
20120918-Lasalle 152



20120918-Lasalle 154



20120918-Lasalle 153



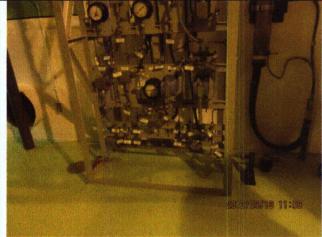
20120918-Lasalle 155

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 5 of 5

# Status: Y N U

## Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2E21-N003			
Equipment Class:	(18) Instruments on Racks			
Equipment Description:	LPCS PP DISCH FLOW XMITTER			



20120918-Lasalle 156

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 1 of 6

.

Status: Y N	U
Equipment ID No.: 2E22-C001	
Equipment Class: (6) Vertical Pumps	
Equipment Description: PMP HI PRESS CORE SPRAY	
Project: LaSalle 2 SWEL	
Location (Bldg, Elev, Room/Area): RB, 673.00 ft, ALL	
Manufacturer/Model:	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.	
Anchorage	
<ol> <li>Is anchorage configuration verification required (i.e., is the item one of the 50% Y of SWEL items requiring such verification)?</li> </ol>	(es
2. Is the anchorage free of bent, broken, missing or loose hardware? Y	⁄es
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y	(es
4. Is the anchorage free of visible cracks in the concrete near the anchors? Y	(es
<ol> <li>Is the anchorage configuration consistent with plant documentation? (Note: Y This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Anchorage shown on drawings M-1573, Rev. G and M-1590, Sheet 3, Rev. M.</li> </ol>	(es
<ol> <li>Based on the above anchorage evaluations, is the anchorage free of Y potentially adverse seismic conditions?</li> </ol>	(es

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 2 of 6

Seismic Walkdow	vn Checklist (SWC)	Status: Y N U
	nent ID No.: 2E22-C001	
	ment Class: (6) Vertical Pumps	
	Description: PMP HI PRESS CORE SPRAY	
Interaction Effect		i
7. Are soft ta	argets free from impact by nearby equipment or structures?	Yes
masonry b	ead equipment, distribution systems, ceiling tiles and lighting, and block walls not likely to collapse onto the equipment? In d light fixtures judged to be acceptable.	Yes
Adjacent n	masonry walls are safety-related per drawing A-220, Rev. N.	
9. Do attache	ed lines have adequate flexibility to avoid damage?	Yes
		•
	the second se	V
	the above seismic interaction evaluations, is equipment free of adverse seismic interaction effects?	Yes
	the above seismic interaction evaluations, is equipment free of adverse seismic interaction effects?	Yes
	v adverse seismic interaction effects?	Yes
potentially Other Adverse Co 11. Have you	adverse seismic interaction effects?	Yes
potentially Other Adverse Co 11. Have you	adverse seismic interaction effects?	
potentially Other Adverse Co 11. Have you	adverse seismic interaction effects?	
potentially Other Adverse Co 11. Have you adversely Comments	onditions looked for and found no adverse seismic conditions that could affect the safety functions of the equipment?	
potentially Other Adverse Co 11. Have you adversely Comments	adverse seismic interaction effects?	
potentially Other Adverse Co 11. Have you adversely Comments	onditions looked for and found no adverse seismic conditions that could affect the safety functions of the equipment? n Team: D. Carter & J. Griffith - 9/4/2012	Yes
potentially <u>Other Adverse Co</u> 11. Have you adversely <u>Comments</u> Seismic Walkdowr	onditions looked for and found no adverse seismic conditions that could affect the safety functions of the equipment?	Yes

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 3 of 6

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 2E22-C001	
Equipment Class: (6) Vertical Pumps	
Equipment Description: PMP HI PRESS COR	E SPRAY
Photos	
A Adown Churchiller (SWC)	
ERVERNMENT ID No. 2E22-C001	Provide the second seco
Equipment Class: (6) Vertical Pumps	2E22-C001
Project Lasalle 2 SWEL	T inning T
dy Elev. RoomAres) RB. 673.00 ft. ALL	
MenufacturenModer	
s fair Compreting Checklist 2012/09/04 09:21	2002/09/04 09/31
5 may he used to document the results of the Seismic Weikd	
LaSalle 073	LaSalle 074
	507 V
	BX MARINE STATE
	1 Contraction
A The second sec	
	16. 010
A REAL PROPERTY OF A REAL PROPER	
2012/09/04 09:32	2012/09/04 09:32
A ALANDARA PARTICIPANT	
LaSalle 075	LaSalle 076

C-326

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 4 of 6

Status: Y N U

#### Seismic Walkdown Checklist (SWC)

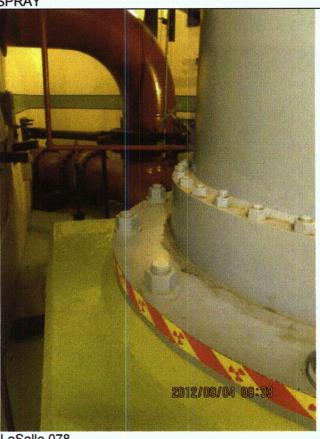
Equipment ID No.: 2E22-C001

Equipment Class: (6) Vertical Pumps

Equipment Description: PMP HI PRESS CORE SPRAY



LaSalle 077



LaSalle 078

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 5 of 6

Status:	Y	N U	

## Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2E22-C001

Equipment Class: (6) Vertical Pumps

Equipment Description: PMP HI PRESS CORE SPRAY





LaSalle 080

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 6 of 6

U

\_\_\_\_\_

Seismic Walkdown Checklist	Status: Y N	
Equipment ID No.:	2E22-C001	
Equipment Class:	(6) Vertical Pumps	
Equipment Description:	PMP HI PRESS CORE SPRAY	



Status: Y N U

Seismic Walkdown Checklist (SWC)			
Equipment ID No.: 2E22-F004			
Equipment Class: (8) Motor-Operated and Solenoid-C	Operated Valves		
Equipment Description: HPCS INJECTION ISOL VALVE	· · · · · · · · · · · · · · · · · · ·		
Project: LaSalle 2 SWEL			
Location (Bldg, Elev, Room/Area):			
Manufacturer/Model:	· · · · · · · · · · · · · · · · · · ·		
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic V SWEL. The space below each of the following questions may be us findings. Additional space is provided at the end of this checklist for	sed to record the results of judgments and		
Anchorage           1. Is anchorage configuration verification required (i.e., is the i	tem one of the 50% No		
of SWEL items requiring such verification)?			
2. Is the anchorage free of bent, broken, missing or loose hard	dware? Not Applicable		
3. Is the anchorage free of corrosion that is more than mild su	rface oxidation? Not Applicable		
4. Is the anchorage free of visible cracks in the concrete near	the anchors? Not Applicable		
<ol> <li>Is the anchorage configuration consistent with plant docume This question only applies if the item is one of the 50% for v configuration verification is required.)</li> </ol>			
6. Based on the above anchorage evaluations, is the anchorage potentially adverse seismic conditions?	ge free of Yes		

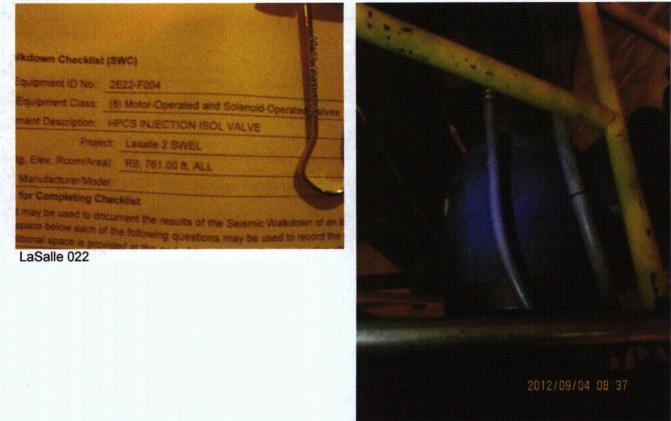
į.

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 2 of 4

Seismic Walkdown Checklist (SWC)				
Equipr	ment ID No.: 2E22-F004			
Equip	oment Class:(8) Motor-Operated and Solenoid-Operated Valves			
Equipment	Description: HPCS INJECTION ISOL VALVE	Second State of State of State		
Interaction Effect				
7. Are soft ta	argets free from impact by nearby equipment or structures?	Yes		
	ead equipment, distribution systems, ceiling tiles and lighting, and block walls not likely to collapse onto the equipment?	Yes		
9. Do attache	ed lines have adequate flexibility to avoid damage?	Yes		
	the above seismic interaction evaluations, is equipment free of adverse seismic interaction effects?	Yes		
· · · ·				
Other Adverse Co	onditions			
	looked for and found no adverse seismic conditions that could affect the safety functions of the equipment?	Yes		
<u>Comments</u> Seismic Walkdowr	n Team: D. Carter & J. Griffith - 9/4/2012			
Evaluated by:		10/17/2012		
	James Griffith	10/17/2012		

-----12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 3 of 4

		Status: Y N U
Seismic Walkdown Checklist	(SWC)	
Equipment ID No.:	2E22-F004	
Equipment Class:	(8) Motor-Operated and Solenoid-Operated Valves	
Equipment Description:	HPCS INJECTION ISOL VALVE	
Photos		



12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 4 of 4

Status: Y N U

#### Seismic Walkdown Checklist (SWC)

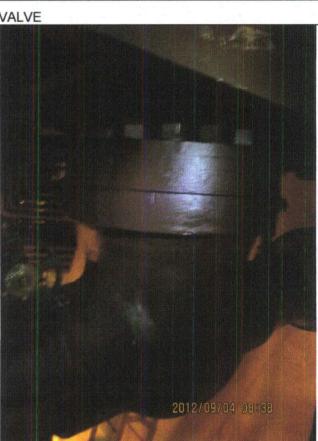
Equipment ID No.: 2E22-F004

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

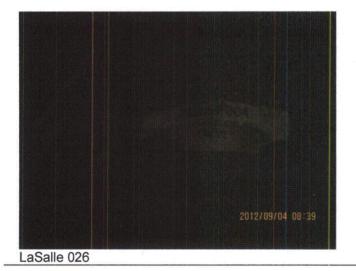
Equipment Description: HPCS INJECTION ISOL VALVE



LaSalle 024



LaSalle 025





12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 1 of 4

Status: Y N U

## Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2E22-F015	
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves	
Equipment Description: HPCS PUMP SUP POOL SUCT ISOL VALVE	
Project: LaSalle 2 SWEL	
Location (Bldg, Elev, Room/Area): RB, 673.00 ft, ALL	
Manufacturer/Model:	
Instructions for Completing Checklist	,
This checklist may be used to document the results of the Seismic Walkdown of an item of equipme SWEL. The space below each of the following questions may be used to record the results of judg findings. Additional space is provided at the end of this checklist for documenting other comments.	ments and
Anchorage	
<ol> <li>Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?</li> </ol>	No
	+
2. Is the anchorage free of bent, broken, missing or loose hardware? N	ot Applicable
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	ot Applicable
4. Is the anchorage free of visible cracks in the concrete near the anchors?	ot Applicable
	or Applicable
<ol> <li>Is the anchorage configuration consistent with plant documentation? (Note: N This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)</li> </ol>	ot Applicable
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

.

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 2 of 4

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 2E22-F015	
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves	
Equipment Description: HPCS PUMP SUP POOL SUCT ISOL VALVE	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures?	Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	Yes
	•
9. Do attached lines have adequate flexibility to avoid damage?	Yes
	·
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	Yes
Other Adverse Conditions	· · ·
11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?	Yes
<u>Comments</u> Seismic Walkdown Team: D. Carter & J. Griffith - 9/4/2012	
Evaluated by: David Carter Date: 10	/17/2012
James Griffith 10.	/17/2012

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 3 of 4

Status: Y N U

#### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2E22-F015

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: HPCS PUMP SUP POOL SUCT ISOL VALVE

#### **Photos**

remort its to	2622-F015
	Addition Operated and Solehold Operated Van
ipment Cla st Classoripti	THE REAL PROPERTY AND A RE
	Project Lasabe 2 SWEL
	TATES) AR. 673 00 1. ALL
e Complet	ing Checklist d to document the results of the Selamor Walkdown each of the following questions may be used to recr supprovided at the end of this checkles (5/94)(94)(95)(94)



12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 4 of 4

Status: Y N U

### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2E22-F015

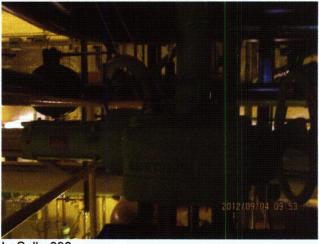
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: HPCS PUMP SUP POOL SUCT ISOL VALVE





LaSalle 096



LaSalle 097

12Q0108.50-R-002 Rev. 1
Correspondence No.: RS-12-163
Sheet 1 of 4

Seismic Walkdown Checklist (SWC)	tatus: Y N U
Equipment ID No.: 2E22-F023	
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves	
Equipment Description: HPCS FULL FLOW TEST ISOL VALVE	
Project: LaSalle 2 SWEL	······
Location (Bldg, Elev, Room/Area): RB, 694.00 ft, ALL	
Manufacturer/Model:	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of an item of equi SWEL. The space below each of the following questions may be used to record the results of j findings. Additional space is provided at the end of this checklist for documenting other comme	udgments and
Anchorage	
<ol> <li>Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?</li> </ol>	No
2. Is the anchorage free of bent, broken, missing or loose hardware?	Not Applicable
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Not Applicable
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Not Applicable
<ol> <li>Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)</li> </ol>	Not Applicable
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes
Interaction Effects	
<ul> <li>Interaction Effects</li> <li>7. Are soft targets free from impact by nearby equipment or structures?</li> </ul>	Yes

7. Are soft targets free from impact by nearby equipment or structures?

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 2 of 4

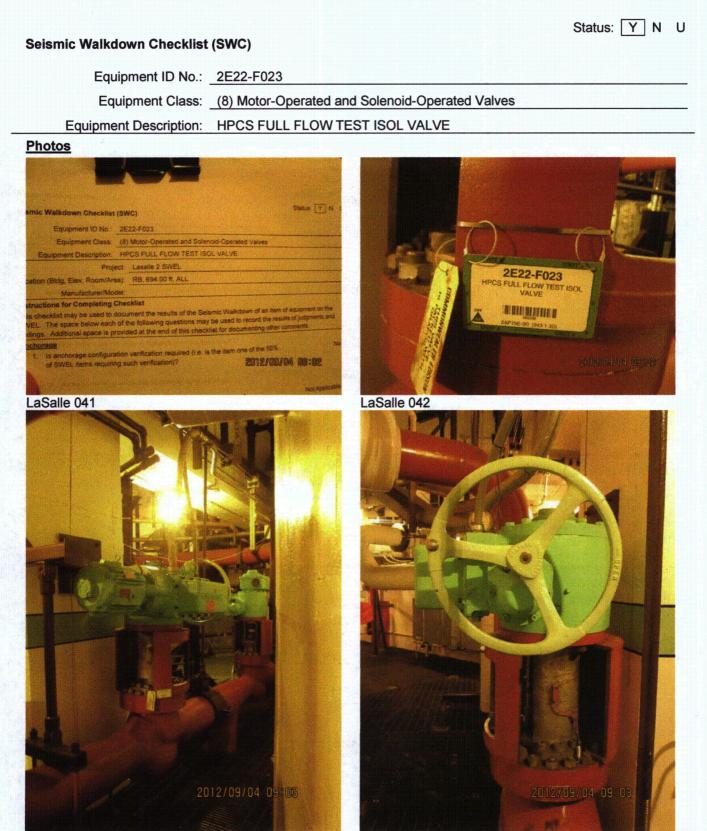
Seismic Walkdov	wn Checklist (SWC)		Status: Y N U
	ment ID No.: 2E22-F023		
		ed and Solenoid-Operated Valves	
	Description: HPCS FULL FLO		
masonry	ead equipment, distribution syst block walls not likely to collapse ad light fixtures judged to be acce		Yes
9. Do attach	ed lines have adequate flexibility	y to avoid damage?	Yes
	the above seismic interaction ev adverse seismic interaction effe		Yes
· · ·	·	~	
	onditions looked for and found no adverse affect the safety functions of the		Yes
	· · · · · · · · · · · · · · · · · · ·		
Comments Seismic Walkdow	n Team: D. Carter & J. Griffith -	9/4/2012	
Evaluated by:	De Mat David Carter	Da	nte: 10/17/2012
· .	James Griffith		10/17/2012
		· · · · · · · · · · · · · · · · · · ·	
	· · · ·		
		•	

÷

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 3 of 4

------

-----



LaSalle 043

LaSalle 044

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 4 of 4

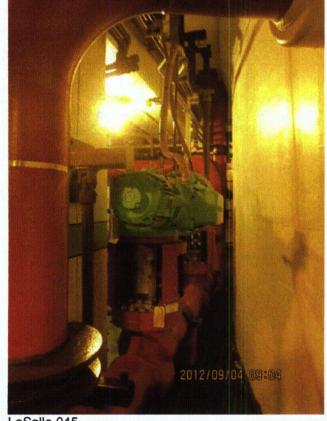
Status: Y N U

### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2E22-F023

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: HPCS FULL FLOW TEST ISOL VALVE





LaSalle 046

LaSalle 045

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 1 of 8

Seismic Walkdown Checklist (SWC)	N U
Equipment ID No.: 2E22-N004	
Equipment Class: (18) Instruments on Racks	
Equipment Description: HPCS PP DISCH PRESS XMITTER	
Project: LaSalle 2 SWEL	
Location (Bldg, Elev, Room/Area):RB, 673.00 ft, ALL	
Manufacturer/Model:	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on t SWEL. The space below each of the following questions may be used to record the results of judgments findings. Additional space is provided at the end of this checklist for documenting other comments.	
Anchorage	
<ol> <li>Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Rack anchored to floor with 8 anchors (4 front, 4 rear).</li> </ol>	No
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
<ol> <li>Is the anchorage configuration consistent with plant documentation? (Note: Not Appl This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)</li> </ol>	icable
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 2 of 8

Seismic Walkdov	vn Checklist (	SWC)			Status: Y	<u>N</u> U
Equipr	nent ID No.:	2E22-N004				
	_	(18) Instruments on Rac	ks		······································	
		HPCS PP DISCH PRES				
Interaction Effect						
7. Are soft ta	rgets free fron	n impact by nearby equip	oment or structures?	-		Yes
masonry b	olock walls not	t, distribution systems, co likely to collapse onto th	e equipment?	and		Yes
· · · · ·		judged to be acceptable are safety related per dra		·		
-	-					Yes
		adequate flexibility to avo	-		,	. 165
Contact	between tubes	and flexible conduits is j	iudged to be acceptable	<b>)</b> .		
		smic interaction evaluation interaction effects?	ons, is equipment free o	f		Yes
				•	,	
Other Adverse C	onditions					
11. Have you adversely <i>Missing o</i> Span betv	looked for and affect the safe clamp for tube veen valve and	found no adverse seism ety functions of the equip at first support location a d first acceptable support cceptable. See IR 14190	ment? above valve 2E22-N005 t is relatively short. As-fe	-HRR.		Yes
<u>Comments</u> Seismic Walkdowi	n Team: D. Ca	rter & J. Griffith - 9/4/201	2			
Instrument located	l on Rack 2H2	2-P024.	· · · · · · · · · · · · · · · · · · ·			·····
Evaluated by:	Dard Mat.	David Carter		Date:	10/17/2012	
	June D. Appt	t James Griffith			10/17/2012	

۰,

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 3 of 8

Seismic Walkdown Checklist (SWC)		Status: Y N U
Equipment ID No.:	2E22-N004	
Equipment Class:	(18) Instruments on Racks	
Equipment Description:	HPCS PP DISCH PRESS XMITTER	

**Photos** 



LaSalle 060

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 4 of 8

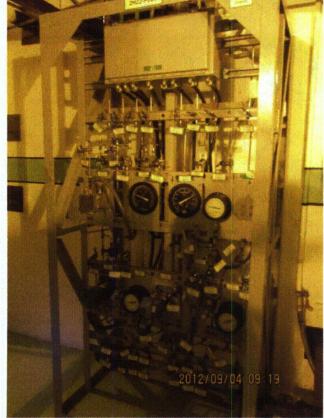
Status: Y N U

### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2E22-N004

Equipment Class: (18) Instruments on Racks

Equipment Description: HPCS PP DISCH PRESS XMITTER





LaSalle 063

LaSalle 062

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 5 of 8

Status:	Y	N U

## Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2E22-N004

Equipment Class: (18) Instruments on Racks

Equipment Description: HPCS PP DISCH PRESS XMITTER



12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 6 of 8

Status:	Y	N	11
Status.		IN	U

# Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2E22-N004
Equipment Class:	(18) Instruments on Racks
Equipment Description:	HPCS PP DISCH PRESS XMITTER

 $<image> _{2 \ / 2$ 

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 7 of 8

Status:	V	N	11
Status.	1	IN	U

## Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2E22-N004		
Equipment Class:	(18) Instruments on Racks		
Equipment Description:	HPCS PP DISCH PRESS XMITTER		



12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 8 of 8

Status: Y N U

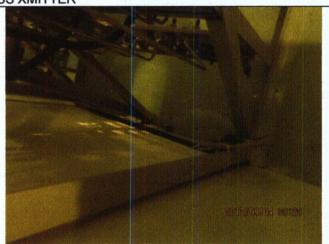
## Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2E22-N004

Equipment Class: (18) Instruments on Racks

Equipment Description: HPCS PP DISCH PRESS XMITTER





LaSalle 071

LaSalle 070



12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 1 of 8

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 2E22-N005	
Equipment Class: (18) Instruments on Racks	
Equipment Description: HPCS PP DISCH FLOW XMITTER	
Project: LaSalle 2 SWEL	
Location (Bldg, Elev, Room/Area): RB, 673.00 ft, ALL	
Manufacturer/Model:	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of an item of equ SWEL. The space below each of the following questions may be used to record the results of findings. Additional space is provided at the end of this checklist for documenting other comm	judgments and
Anchorage	
<ol> <li>Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?</li> </ol>	No
Rack anchored to floor with 8 anchors (4 front, 4 rear).	
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
<ol> <li>Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)</li> </ol>	Not Applicable
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 2 of 8

Colomia Malkalaum Chaokdiat (C)A(C)		Status: [	YI	N U
Seismic Walkdown Checklist (SWC)				~
Equipment ID No.: 2E22-N005		<u></u>		
Equipment Class: (18) Instruments on Racks				
Equipment Description: HPCS PP DISCH FLOW XMITTER				
Interaction Effects 7. Are soft targets free from impact by nearby equipment or structures?				Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, ar masonry block walls not likely to collapse onto the equipment? Overhead light fixtures judged to be acceptable.	nd			Yes
Adjacent masonry walls are safety related per drawing A-220, Rev. N.				
9. Do attached lines have adequate flexibility to avoid damage?				Yes
Contact between tubes and flexible conduits is judged to be acceptable.		• .		
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?			•	Yes
Other Adverse Conditions		4		
<ol> <li>Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Missing clamp for tube at first support location above valve 2E22-N005-I Span between valve and first acceptable support is relatively short. As-fou condition judged to be acceptable. See IR 1419068.</li> </ol>				Yes
<u>Comments</u> Seismic Walkdown Team: D. Carter & J. Griffith - 9/4/2012				
Instrument located on Rack 2H22-P024.				
Evaluated by:	Date:	10/17/2012		
Jms D. Affrith James Griffith		10/17/2012		

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 3 of 8

												S	5	t	8	It	ι	J	S	5		١			۱	1		ι	J

#### Seismic Walkdown Checklist (SWC)

 Equipment ID No.:
 2E22-N005

 Equipment Class:
 (18) Instruments on Racks

 Equipment Description:
 HPCS PP DISCH FLOW XMITTER

**Photos** 



LaSalle 060

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 4 of 8

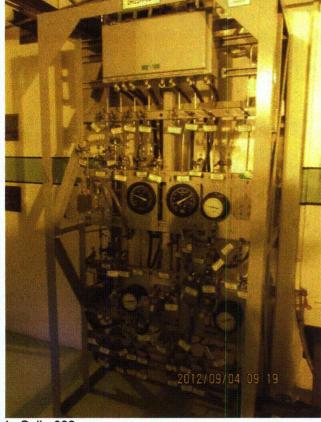
Status:	Y	NU

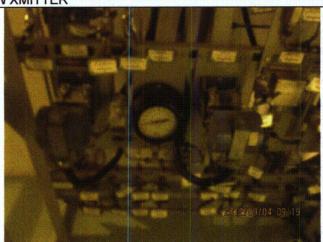
## Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2E22-N005

Equipment Class: (18) Instruments on Racks

Equipment Description: HPCS PP DISCH FLOW XMITTER





LaSalle 063

LaSalle 062

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 5 of 8

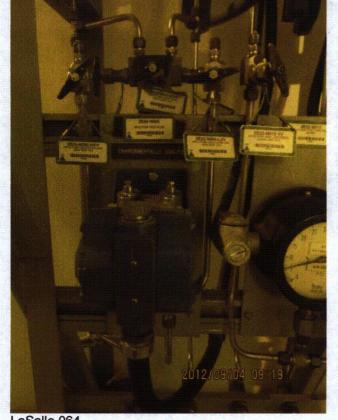
Status:	Y	N U	

### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2E22-N005

Equipment Class: (18) Instruments on Racks

Equipment Description: HPCS PP DISCH FLOW XMITTER





LaSalle 064

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 6 of 8

Status:	Y	N	U

# Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2E22-N005
Equipment Class:	(18) Instruments on Racks
Equipment Description:	HPCS PP DISCH FLOW XMITTER



12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 7 of 8

Status:	V	N	11
Status.		IN	U

# Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2E22-N005	
Equipment Class:	(18) Instruments on Racks	
Equipment Description:	HPCS PP DISCH FLOW XMITTER	



LaSalle 068

LaSalle 069

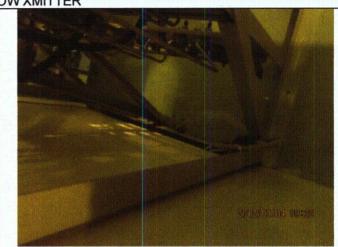
12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 8 of 8

Status: Y N U

## Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2E22-N005			
Equipment Class:	(18) Instruments on Racks			
uinment Description	HPCS PP DISCH ELOW XMITTER			





LaSalle 071

LaSalle 070



LaSalle 072

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 1 of 6

Status:	Υ	N	U
---------	---	---	---

Seismic Walkdown Checklist (SWC)	-
Equipment ID No.: _2E51-C001	
Equipment Class: _(5) Horizontal Pumps	
Equipment Description: RX CORE ISOL COOLING PMP	
Project: LaSalle 2 SWEL	
Location (Bldg, Elev, Room/Area):RB, 673.00 ft, ALL	
Manufacturer/Model:	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.	
Anchorage	
<ol> <li>Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?</li> </ol>	Yes
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
<ol> <li>Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Anchorage shown on drawings M-1573, Rev. G and M-1590, Sheet 3, Rev. M.</li> </ol>	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 2 of 6

Sciemic Welkdown Checklist (SNAC)		Status: Y	]N U
Seismic Walkdown Checklist (SWC)			
Equipment ID No.: 2E51-C001		• • • • •	
Equipment Class: (5) Horizontal Pumps		·····	
Equipment Description: RX CORE ISOL COOLING PMP		n a na ana ang ana ang ang ang ang ang a	
Interaction Effects			Vee
7. Are soft targets free from impact by nearby equipment or structures?			Yes
<ol> <li>Are overhead equipment, distribution systems, ceiling tiles and lighting, ar masonry block walls not likely to collapse onto the equipment? Overhead light fixtures judged to be acceptable.</li> </ol>	nd -		Yes
Adjacent masonry walls are safety-related per drawing A-219, Rev. M.		•	
9. Do attached lines have adequate flexibility to avoid damage?			Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	•		Yes
		•	
Other Adverse Conditions		· .	
11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?			Yes
			• 1
		· · ·	
Comments			
Seismic Walkdown Team: J. Griffith & M. Wodarcyk - 9/11/2012			
Evaluated by: James Griffith	Date:	10/19/2012	
Michael Wodarcyk	-	10/19/2012	

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 3 of 6

Status:	Y	N U

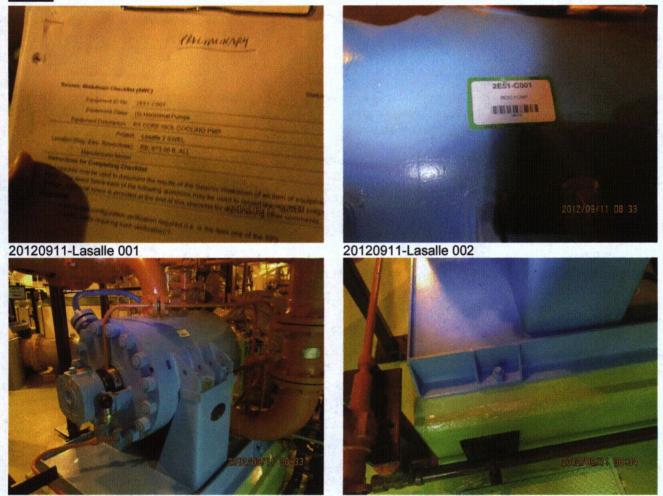
#### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2E51-C001

Equipment Class: (5) Horizontal Pumps

## Equipment Description: RX CORE ISOL COOLING PMP

Photos



20120911-Lasalle 003

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 4 of 6

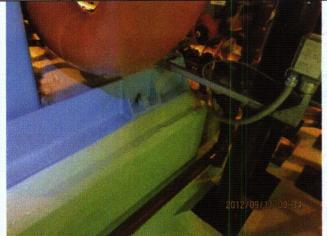
Status: Y N U

### Seismic Walkdown Checklist (SWC)

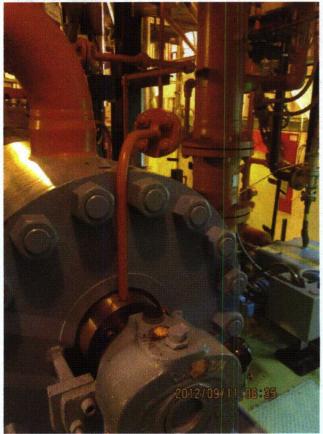
Equipment ID No.: 2E51-C001

Equipment Class: (5) Horizontal Pumps

Equipment Description: RX CORE ISOL COOLING PMP



20120911-Lasalle 005





20120911-Lasalle 006



20120911-Lasalle 008

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 5 of 6

Status:	Y	NU

### Seismic Walkdown Checklist (SWC)

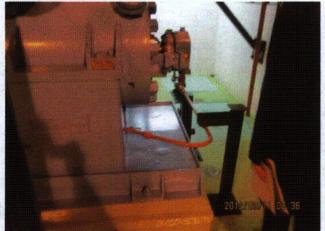
Equipment ID No.: 2E51-C001

Equipment Class: (5) Horizontal Pumps

Equipment Description: RX CORE ISOL COOLING PMP



20120911-Lasalle 009



20120911-Lasalle 011



20120911-Lasalle 010



20120911-Lasalle 012

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 6 of 6

Status: Y N U

# Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2E51-C001 Equipment Class: (5) Horizontal Pumps

Equipment Description: RX CORE ISOL COOLING PMP 2012/09/11 08:38

20120911-Lasalle 013

Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No.: <u>2E51-F013</u>	
Equipment Class: (8) Motor-Operated and Solenoid-Operat	ed Valves
Equipment Description: RCIC INJECTION STOP	· · · · · · · · · · · · · · · · · · ·
Project: LaSalle 2 SWEL	
Location (Bldg, Elev, Room/Area): <u>RB, 740.00 ft, ALL</u>	
Manufacturer/Model:	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkd SWEL. The space below each of the following questions may be used to findings. Additional space is provided at the end of this checklist for docu	record the results of judgments and
<ul> <li><u>Anchorage</u></li> <li>1. Is anchorage configuration verification required (i.e., is the item of of SWEL items requiring such verification)?</li> </ul>	ne of the 50% No
2. Is the anchorage free of bent, broken, missing or loose hardware	? Not Applicable
3. Is the anchorage free of corrosion that is more than mild surface of	oxidation? Not Applicable
4. Is the anchorage free of visible cracks in the concrete near the ar	chors? Not Applicable
5. Is the anchorage configuration consistent with plant documentation This question only applies if the item is one of the 50% for which configuration verification is required.)	
6. Based on the above anchorage evaluations, is the anchorage free potentially adverse seismic conditions?	e of Yes

.

.

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 2 of 4

Seismic Walkdown Checklist	t (SWC)		Status: Y N	U
Equipment ID No.:	2E51-F013			
	(8) Motor-Operated and Solenoid-Operated	Valves		
Equipment Description:			·	
Interaction Effects				
7. Are soft targets free fro	om impact by nearby equipment or structures?	?	Y	'es
, · · ·				
masonry block walls no	ent, distribution systems, ceiling tiles and lighti ot likely to collapse onto the equipment? as judged to be acceptable.	ng, and	Y	'es
Adjacent masonry wall	l is safety-related per drawing A-232, Rev. Al.			
9. Do attached lines have	e adequate flexibility to avoid damage?	ν.	Y	'es
	eismic interaction evaluations, is equipment fro smic interaction effects?	ee of	Y	′es
· · · · · · · · · · · · · · · · · · ·				
Other Adverse Conditions				
	nd found no adverse seismic conditions that c fety functions of the equipment?	ould	Y	′es
		- -		
<u>Comments</u> Seismic Walkdown Team: J. G	riffith & M. Wodarcyk - 9/10/2012			
Evaluated by:	城 James Griffith	Date:	10/19/2012	
Muhal	Michael Wodarcyk		10/19/2012	
	<u></u>	·		

.

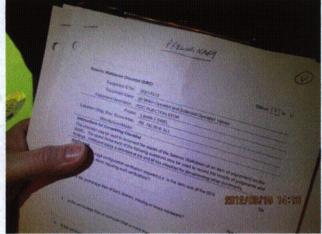
12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 3 of 4

Status: Y N U

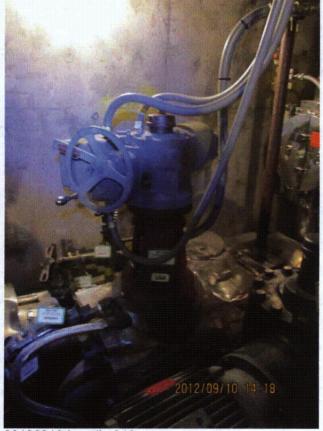
### Seismic Walkdown Checklist (SWC)

Equipment ID No.: <u>2E51-F013</u> Equipment Class: <u>(8) Motor-Operated and Solenoid-Operated Valves</u> Equipment Description: RCIC INJECTION STOP

Photos



20120910-Lasalle 244



LIGA 2012/09/10 14 18

20120910-Lasalle 245



20120910-Lasalle 247

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 4 of 4

Status: Y N U

#### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2E51-F013

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: RCIC INJECTION STOP





20120910-Lasalle 249

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 1 of 3

Status:	Y	Ν	U
---------	---	---	---

Equipment ID No.: 2E51-F031	
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves	
quipment Description: RCIC PMP SUCT FROM SUP POOL STOP	
Project: LaSalle 2 SWEL	
tions for Completing Checklist	
ecklist may be used to document the results of the Seismic Walkdown of an item of e The space below each of the following questions may be used to record the results Additional space is provided at the end of this checklist for documenting other com	of judgments and
age	
	N
Is the anchorage free of bent, broken, missing or loose hardware?	Not Applicabl
Is the anchorage free of corrosion that is more than mild surface oxidation?	Not Applicabl
Is the anchorage free of visible cracks in the concrete near the anchors?	Not Applicabl
Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)	Not Applicabl
Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Ye
	Project:       LaSalle 2 SWEL         Location (Bidg, Elev, Room/Area):       RB, 673.00 ft, ALL         Manufacturer/Model:       Manufacturer/Model:         tions for Completing Checklist       acklist may be used to document the results of the Seismic Walkdown of an item of e The space below each of the following questions may be used to record the results of Additional space is provided at the end of this checklist for documenting other com         age       is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?         Is the anchorage free of bent, broken, missing or loose hardware?         Is the anchorage free of corrosion that is more than mild surface oxidation?         Is the anchorage free of visible cracks in the concrete near the anchors?         Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)         Based on the above anchorage evaluations, is the anchorage free of

i

Seismic Walkdown Checklist	: (SWC)	Status: Y N U
Equipment ID No.:	2E51-F031	
	(8) Motor-Operated and Solenoid-Operated Valves	
	RCIC PMP SUCT FROM SUP POOL STOP	
Interaction Effects		
7. Are soft targets free fro	om impact by nearby equipment or structures?	Yes
masonry block walls no	ent, distribution systems, ceiling tiles and lighting, and ot likely to collapse onto the equipment? <i>s judged to be acceptable.</i>	Yes
9. Do attached lines have	e adequate flexibility to avoid damage?	Yes
	eismic interaction evaluations, is equipment free of smic interaction effects?	Yes
Other Adverse Conditions		
11. Have you looked for an	nd found no adverse seismic conditions that could fety functions of the equipment?	Yes
<u>Comments</u>		
Seismic Walkdown Team: J. G	riffith & M. Wodarcyk - 9/11/2012	
EPN tag obscured. Correct iter	n verified by Operations.	
Evaluated by: Jms D App	<sup>#</sup> James Griffith Date: <i>Ω Weshingsf</i>	10/19/2012
- Portan -	Michael Wodarcyk	10/19/2012

12Q0108.50-R-002 Rev. 1 Correspondence No.: RS-12-163 Sheet 3 of 3

Status: Y N U

#### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2E51-F031

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: RCIC PMP SUCT FROM SUP POOL STOP

**Photos** 

