		NO.	SNCH082-RPT-02
	PROJECT REPORT VE COVER SHEET Pag	VER	SION 1.0
		Page	1 of 60
Edwin I. Resolutio	Hatch Unit 2 SEISMIC WALKDOWN R For on of Fukushima Near-Term Task Force Re	EPORT, R commend	ER SNC425082 ation 2.3: Seismic
Prepared by:	Winston Stewart PER TELECON	Date:	11-26-2012
Reviewed by: Ø	mohtahi FOR PATRICK KELLY Patrick Kelly PER TELECON	Date:	11 - 26 - 20 12
Approved by: (ENERCON) Project Manager or Designee	Bill Henne	Date:	11-26-2012
Approved by: (SNC) Fechnical Lead or Designee/ Peer Review Team Leader	Melanie Brown	Date:	11-26-201
Approved by: (SNC)	10.1812 =	Date:	11/26/2012

.

Status: YX N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No. 2R42-S001B Equip. Class ¹ 15	
Equipment Description 125/250V Station Battery 2B	anananan manan mananan manan sa
Location: Bldg. <u>CONTROL</u> Floor El. <u>112</u> Room, Area <u>TD-T13</u>	
Manufacturer, Model, Etc. (optional but recommended)	***
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record to findings. Additional space is provided at the end of this checklist for documenting	an item of equipment on the he results of judgments and g other comments.
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y⊠ N□
2. Is the anchorage free of bent, broken, missing or loose hardware? There is one anchor missing from the support. Review of SEWS package 2R42-S001B shows that this anchor is noted to be missing and is not accounted for in the evaluation, so there is no potentially adverse seismic condition.	Y⊠ N⊡ U⊡ N/A⊡
 3. Is the anchorage free of corrosion that is more than mild surface oxidation? There is some acid residue on the bolts from the batteries, but the paint has prevented any significant corrosion of the bolts. Since the corrosion is only on the surface, there is no potentially adverse seismic condition. 	Y⊠ N⊡ U⊡ N/A⊡
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YX NO UO N/AO
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.) SEWS Package 2R42-S001B (dated 2-14-94)	Y⊠ N⊡ U⊡ N/A⊡
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YX NI UI

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

ATTACHMENT 3: SEISMIC WALKDOWN CHECKLISTS	NO. SNCH082-RPT-02, VERSION 1.0
	Status: YX N U
Seismic Walkdown Checklist (SWC)	
Equipment ID No. 2R42-S001B Equip. Class ¹ 15	
Equipment Description <u>125/250V Station Battery 2B</u>	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or	structures? YX N UNA
8. Are overhead equipment, distribution systems, ceiling tile and masonry block walls not likely to collapse onto the ec	es and lighting, YX NI UN N/AI quipment?
9. Do attached lines have adequate flexibility to avoid dama	ge? Y⊠ N□ U□ N/A□
10. Based on the above seismic interaction evaluations, is equ of potentially adverse seismic interaction effects?	nipment free Y⊠ N□ U□
Other Adverse Conditions	
11. Have you looked for and found no other seismic condition adversely affect the safety functions of the equipment?	ns that could Y⊠ N□ U□
<u>Comments (Additional pages may be added as necessary)</u>	
Evaluated by: John McFarland	Date: 09/18/2012

ATTACHMENT 3: SEISMIC WALKDOWN CHECKLISTS

NO. SNCH082-RPT-02, VERSION 1.0

Sheet 3 of 6 Status: Y⊠ N□ U□

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2R42-S001B Equip. Class¹ 15

Equipment Description 125/250V Station Battery 2B

Photographs



Figure 1 - Equipment ID No (2R42-S001B)

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Figure 2 - Equipment Elevation (2R42-S001B)



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ATTACHMENT 3: SEISMIC WALKDOWN CHECKLISTS





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Figure 4 - Mild Acid Residue on Bolts (2R42-S001B)

Sheet 1 of 4

Status: YX N U

Seismic Walkdown Checklist (SWC)		
Equipment ID No. 2R42-S002A Equip. Class ¹ 15		
Equipment Description <u>125V DIESEL SYSTEM BATTERY 2A</u>		
Location: Bldg. DIESEL Floor El. 130 Room, Area BATTERY R	00M 2A	
Manufacturer, Model, Etc. (optional but recommended)		
Instructions for Completing Checklist		
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record t findings. Additional space is provided at the end of this checklist for documentin	an item of equipment on the he results of judgments and g other comments.	
Anchorage		
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y⊠ N□	
2. Is the anchorage free of bent, broken, missing or loose hardware?	Y⊠ N⊡ Ü□ Ň/A□	
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YX NO UO N/AO	
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Y⊠ N□ U□ N/A□	
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.) Anchorage is consistent with SEWS package dated 02/17/1994.	Y⊠ N⊡ U⊡ N/A⊡	
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?		

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

TTACHMENT 3: SEISMIC WALKDOWN CHECKLISTS	NO. SNCH082-RPT-02, VERSION 1.0
	Sheet 2 of 4
Ostavia Walidawa Obsecitia: (0000)	Status: YX N U[
Seismic Walkdown Checklist (SWC)	
Equipment ID No. <u>2R42-S002A</u> Equip. Class ¹ <u>15</u>	18 A 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Equipment Description <u>125V DIESEL SYSTEM BATTERY 2A</u>	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or str	uctures? Y N U V/A
8. Are overhead equipment, distribution systems, ceiling tiles a and masonry block walls not likely to collapse onto the equipulation Lights are properly supported and tied.	nd lighting, YX NI UI N/AI pment?
9. Do attached lines have adequate flexibility to avoid damage?	? Y⊠ N□ U□ N/A□
10. Based on the above seismic interaction evaluations, is equip of potentially adverse seismic interaction effects?	ment free Y⊠ N□ U□
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions adversely affect the safety functions of the equipment?	that could Y⊠ N□ U□
<u>Comments (Additional pages may be added as necessary)</u>	
None.	
	anna an
Evaluated by: Juan Vizcaya	Date: 09/24/2012
Ort oft o	· · · · · · · · · · · · · · · · · · ·

Sheet 3 of 4

Status: YX N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2R42-S002A Equip. Class¹ 15

Equipment Description 125V DIESEL SYSTEM BATTERY 2A

Photographs



1: Equipment Room Location (2R42-S002A)

ATTACHMENT 3: SEISMIC WALKDOWN CHECKLISTS

NO. SNCH082-RPT-02, VERSION 1.0

Sheet 4 of 4



2: Equipment Elevation (2R42-S002A)

Sheet 1 of 5

Status: YX N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No. 2R42-S002C Equip. Class ¹ _15	
Equipment Description <u>125V DIESEL SYSTEM BATTERY 2C</u>	
Location: Bldg. <u>DIESEL</u> Floor El. <u>130</u> Room, Area <u>BATTERY R</u>	ООМ 2С
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documentin	an item of equipment on the the results of judgments and ig other comments.
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	YX N
2. Is the anchorage free of bent, broken, missing or loose hardware?	YX NI UI N/AI
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Y⊠ N⊡ U⊡ N/A⊡
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.) Anchorage is consistent with SEWS package dated 02/17/1994.	Y⊠ N⊡ U⊡ N/A⊡
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	

^{*} Enter the equipment class name from Appendix B: Classes of Equipment.

Sheet 2 of 5

	Sheet 2 01 5
Seismic Walkdown Checklist (SWC)	
Equipment ID No. 2R42-S002C Equip. Class ¹ 15	
Equipment Description 125V DIESEL SYSTEM BATTERY 2C	
Interaction Effects	- Electronicales
7. Are soft targets free from impact by nearby equipment or structures?	YØ NO UO N/AO
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Lights are properly supported and tied.	Y⊠ N□ U□ N/A□
9. Do attached lines have adequate flexibility to avoid damage?	Y⊠ N⊡ U⊡ N/A⊡
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YN NO UO
Other Adverse Conditions	99 - Carlon Carlon (Carlon Carlon
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? The concrete surface below the batteries exhibited stains from some substance leaking in the area (see photograph 3). This is not a seismic concern.	YX NI UI
Comments (Additional pages may be added as necessary)	an a
None.	
Evaluated by: Juan Vizcaya	Date: 09/24/2012
Patrick Kelly Pattell	09/24/2012

NO. SNCH082-RPT-02, VERSION 1.0

Sheet 3 of 5 Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2R42-S002C Equip. Class¹ 15

Equipment Description 125V DIESEL SYSTEM BATTERY 2C

Photographs



1: Equipment Room Location (2R42-S002C)

ATTACHMENT 3: SEISMIC WALKDOWN CHECKLISTS

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2: Equipment Elevation (2R42-S002C)

ATTACHMENT 3: SEISMIC WALKDOWN CHECKLISTS

NO. SNCH082-RPT-02, VERSION 1.0

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3: Stains on Concrete Below Batteries (2R42-S002C)

Sheet 1 of 6

Status: YX N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No. 2R42-S017A Equip. Class ¹ 15	
Equipment Description Battery 2A 24/48V	
Location: Bldg. <u>CONTROL</u> Floor El. <u>112</u> Room, Area <u>C-027</u>	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space of the space is provided at the end of the space space.	an item of equipment on the the results of judgments and ng other comments.
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y NX
2. Is the anchorage free of bent, broken, missing or loose hardware?	YX NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	
There is mild surface oxidation on the middle anchor bolts. Since oxidation is only on the surface, the bolts are not degraded. Therefore, judged not to be a concern.	
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Y⊠ N□ U□ N/A□
 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.) 	Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YN NO UO

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

Sheet 2 of 6

Status:	Y⊠	N	U
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Seismic Walkdown Checklist (SWC)	
Equipment ID No. 2R42-S017A Equip. Class ¹ 15	
Equipment Description Battery 2A 24/48V	anna tha an the connect of the manufacture of the manufacture of the second second second second second second
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures?	Y⊠ N□ U□ N/A□
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? The seismic capacity of the Concrete Block Walls C112-8C, C112-9A, C112-17B and C112-18A surrounding the Battery were verified using Drawing H-40384 Rev. 0 and Hatch Unit 2 UFSAR Table 3.8-20.	Y⊠ N⊡ U⊡ N/A□
9. Do attached lines have adequate flexibility to avoid damage? The line between the battery rack and the adjacent junction box support has relatively little slack. The battery and box supports are fairly rigid and the seismic acceleration at that elevation will be relatively low, so the differential movement between the components will be small. The slack in the conduit is judged sufficient to prevent any damage to the cables, so there is no potentially adverse seismic condition.	Y⊠ N⊡ U⊡ N/A⊡
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	Y⊠ N⊡ U⊡
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	
<u>Comments (Additional pages may be added as necessary)</u> None	
Evaluated by: John McFarland	Date: 09/25/2012 09/25/2012

Sheet 3 of 6 Status: Y⊠ N□ U□

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2R42-S017A Equip. Class¹ 15

Equipment Description Battery 2A 24/48V

Photographs



Figure 1 – Equipment ID No (2R42-S017A)





Figure 2 – Equipment Elevation (2R42-S017A)



Figure 3 - Surface Oxidation on Middle Anchor (2R42-S017A)

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Figure 4 - Attached Battery Line (2R42-S017A)

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Status: YX N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No. 2R42-S017B Equip. Class ¹ _15	·····
Equipment Description Battery 2B 24/48V	
Location: Bldg. <u>CONTROL</u> Floor El. <u>112</u> Room, Area <u>TC-T12</u>	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space of t	an item of equipment on the the results of judgments and ng other comments.
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y IN
2. Is the anchorage free of bent, broken, missing or loose hardware?	YX NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	
There is mild surface oxidation on the component washer plates. Since oxidation is only on the surface, the bolts are not degraded. Therefore, judged not to be a concern.	
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YX NI UN N/AI
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.)	
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	

³ Enter the equipment class name from Appendix B: Classes of Equipment.

Sheet 2 of 5

Seismic Walkdown Checklist (SWC)	Status: YX N U
Equipment ID No. 2R42-S017B Equip. Class ¹ 15	
Equipment Description Battery 2B 24/48V	·
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures?	YX NO UO N/AO
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? The seismic capacity of the Concrete Block Walls C112-8C, C112-9A, C112-19A and C112-18B surrounding the Battery Charger were verified using Drawing H-40384 Rev. 0 and Hatch Unit 2 UFSAR Table 3.8-20.	Y⊠ N⊟ U⊟ N/A⊟
9. Do attached lines have adequate flexibility to avoid damage?	YX NO UO N/AO
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	Y⊠ N□ U□
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YM NO UO
<u>Comments (Additional pages may be added as necessary)</u> None	
Frank II. S. L. A.	Date: 09/18/2012

Sheet 3 of 5 Status: Y⊠ N□ U□

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2R42-S017B Equip. Class¹ 15

Equipment Description <u>Battery 2B 24/48V</u> Photographs



Figure 1 – Equipment ID No (2R42-S017B)

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Figure 2 - Equipment Elevation (2R42-S017B)



Sheet 5 of 5





Sheet 1 of 6

Status: YX NUU

Seismic W	alkdown	Checklist	(SWC)
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Equipment ID No. 2R42-S026 Equip. Class ¹ 16
Equipment Description <u>125V Battery Charger 2A</u>
Location: Bldg. <u>CONTROL</u> Floor El. <u>130</u> Room, Area <u>C-010</u>
Manufacturer, Model, Etc. (optional but recommended)
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
1. Is the anchorage configuration verification required (i.e., is the item one $Y \boxtimes N \square$

1.	Is the anchorage configuration verification required (i.e., is the item one	Y⊠	N
	of the 50% of SWEL items requiring such verification)?		

2.	Is the anchorage free of bent, broken, missing or loose hardware? There are two anchor bolt holes without anchor bolts. However, review of SEWS packages 2R42-S026 and S029 show that the anchors were replaced with welds, so there are no missing anchors. The existing welds have been verified against the SEWS packages and found to be in compliance. Therefore, there is no potentially adverse seismic condition.	Y⊠ N⊡ U⊡ N	
3.	Is the anchorage free of corrosion that is more than mild surface oxidation?	YM NO UO N	/A 🗋
4.	Is the anchorage free of visible cracks in the concrete near the anchors?	YM NO UO N	/A 🗌
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.) SEWS Package 2R42-S026 (dated 2-17-94)	Y⊠ N⊡ U⊡ N	/A 🗆
6.	Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Y⊠ N⊡ U⊡	

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

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] U[] N/A[]] U[] N/A[]
] U[] N/A[]] U[] N/A[]
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are for an internal crews missing.
the direction otentially adverse
Date: <u>09/26/2012</u> Date: <u>09/26/2012</u>
9/25/2012

Sheet 3 of 6

Status: YX N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2R42-S026 Equip. Class¹ 16

Equipment Description <u>125V Battery Charger 2A</u>

Photographs



Figure 1 - Equipment ID No (2R42-S026)

Sheet 4 of 6



Figure 2 – Equipment Elevation (2R42-S026)





Figure 3 - Replaced Anchor Bolts (2R42-S026)



Figure 4 – Empty Holes on Panel Front (2R42-S026)



Sheet 1 of 7

Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No. <u>2R42-S052</u> Equip. Class ¹ <u>16</u>	
Equipment Description Battery Charger 2B	
Location: Bldg. <u>CONTROL</u> Floor El. <u>130</u> Room, Area <u>C140</u>	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting	an item of equipment on the the results of judgments and ig other comments.
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y□ N⊠
2. Is the anchorage free of bent, broken, missing or loose hardware?	YX NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Y⊠ N□ U□ N/A□
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YX NO UD N/AD
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.)	Y NO U NAX

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¹Enter the equipment class name from Appendix B: Classes of Equipment.

Sheet 2 of 7

Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No. <u>2R42-S052</u> Equip. Class ¹ _16	
Equipment Description Battery Charger 2B	
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? The Unistrut member supporting the battery charger is bent out from the wall at the far end of the member. The gap between the wall and the member is less than 1/4", so the gap is not significant. In addition, the bolt attaching the charger to the unistrut channel at that location appeared to be over tightened to the point that the unistrut is sprung and the lower edge of spring nut no longer makes proper contact with the inner edge of the unistrut channel (See Figure 3). This condition reduces the connection. The current battery charger is supported by 3 additional unistrut bolts and a vertical conduit which also provides additional support to the battery charger in the vertical direction. However CR 520297 has been generated to correct this condition.	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures?	Y⊠ N□ U□ N/A□
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? The seismic capacity of the Concrete Block Walls C130-47E, C130- 51B, C130-52A and C130-54A surrounding the Battery Charger were verified using Drawing H-40383, Rev. 2 and Hatch Unit 2 UFSAR Table 3.8-20.	Y⊠ N□ U□ N/A□
9. Do attached lines have adequate flexibility to avoid damage?	Y⊠ N□ U□ N/A□
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YX NO UO
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions that could	YX NO UO

adversely affect the safety functions of the equipment? Components inside the panel were inspected visually in accordance with the direction provided in the FAQ related to opening panels. The panel was opened under WO# SNC436331. No potentially adverse seismic conditions were found.



Sheet 3 of 7 Status: $Y \square N \boxtimes U \square$

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2R42-S052 Equip. Class¹ 16

Equipment Description Battery Charger 2B

<u>Comments</u> (Additional pages may be added as necessary)

None

Date. 09/00/	2012
Jeff Horton Al Horton 09/06/	2012

Sheet 4 of 7

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2R42-S052 Equip. Class¹ 16

Equipment Description Battery Charger 2B

Photographs



Figure 1 – Equipment ID No (2R42-S052)



Figure 2 – Equipment Elevation (2R42-S052)

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Figure 3 - Gap Between Unistrut and Wall (2R42-S052)

Sheet 7 of 7



Figure 4 – Interior of the panel (2R42-S052)



Figure 5 - Interior of the panel door (2R42-S052)

Sheet 1 of 4

Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No. 2R43-S001A Equip. Class ¹ _17	
Equipment Description DIESEL GENERATOR 2A	1.11.11.11.11.11.11.11.11.11.11.11.11.1
Location: Bldg. DIESEL Floor El. 130 Room, Area 2A	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space of t	an item of equipment on the the results of judgments and ig other comments.
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y⊠ N□
2. Is the anchorage free of bent, broken, missing or loose hardware?	YX NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	
4. Is the anchorage free of visible cracks in the concrete near the anchors?	
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.) Compared against the SEWS package dated 2/17/94. Anchor bolts were confirmed (location, size and quantity).	
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YX NO UO.

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

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Sheet 2 of 4

Seismic Walkdown Checklist (SWC)	Status: YX N U
Equipment ID No. <u>2R43-S001A</u> Equip. Class ¹ <u>17</u>	
Equipment Description DIESEL GENERATOR 2A	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures?	YX NO UO N/AO
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Lighting fixtures might swing and hit the diesel generator but no credible damage is anticipated by SWEs since the light fixture is relatively light and the generator is rugged. Overhead fluorescent light bulbs above the control panel 2R43-P003A may potentially hit the panel if they detach from the fixture during a seismic event. However, the impact to the panel was judged not significant since the bulbs are lightweight and the panel is relatively rugged. See attached pictures. The light fixture itself was judged to be adequately restrained for seismic loads.	Y⊠ N⊡ U⊡ N/A⊡
9. Do attached lines have adequate flexibility to avoid damage?	
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YM NO UO
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YX NO UO
<u>Comments (</u> Additional pages may be added as necessary) None.	
Evaluated by: Kursat Kinali	_ Date: <u>9/7/2012</u>
Wesley Williams Williams William	9/7/2012

Sheet 3 of 4 Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2R43-S001A Equip. Class¹_17

Equipment Description DIESEL GENERATOR 2A

Photographs





Sheet 4 of 4





.

	Sheet 1 of 4		
	Status: YX N U		
Seismic Walkdown Checklist (SWC)			
Equipment ID No. 2R43-S001C Equip. Class ¹ 17	······		
Equipment Description DIESEL GENERATOR 2C			
Location: Bldg. <u>DIESEL</u> Floor El. <u>130</u> Room, Area <u>DIESEL GER</u>	VERATOR ROOM 2C		
Manufacturer, Model, Etc. (optional but recommended) FAIRBANKS MORSE	· · · · · · · · · · · · · · · · · · ·		
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			
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	YX N		
2. Is the anchorage free of bent, broken, missing or loose hardware? An anchor bolt on the northwest end of diesel generator had a single nut secured on bolt while others were observed to have two. The second nut is for vibration mitigation. The SEWS package for 2R43- S001A, dated 02/17/1994, evaluates the anchorage for an identical generator and the anchorage assessment does not take credit for the anchor in a similar location. Therefore, it is judged to be seismically adequate based on comparison.	Y⊠ N⊡ U⊡ N/A⊡		
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Y⊠ N□ U□ N/A□		
4. 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.) Anchorage configuration is consistent with SEWS package for 2R43- S001A, dated 02/17/1994, which contains an attached calculation for 2R43-S001C. 	YX NO UO N/AO		
 Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? See response to question 2. 	YM NO UO		

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

Seismic Walkdown Checklist (SWC)		Status: Y⊠ N∐ U∐
Equipment ID No. 2R43-S001C	Equip. Class ¹ _17	
Equipment Description DIESEL GENERA	TOR 2C	
Interaction Effects		a parta a construir a const
7. Are soft targets free from impact by	nearby equipment or structures?	Y⊠ N⊡ U⊡ N/A⊡
8. Are overhead equipment, distribution and masonry block walls not likely	on systems, ceiling tiles and lighting, to collapse onto the equipment?	Yo no uo n/ao
9. Do attached lines have adequate fle	xibility to avoid damage?	Y⊠ N□ U□ N/A□
10. Based on the above seismic interact of potentially adverse seismic intera	tion evaluations, is equipment free action effects?	YM ND UD
Other Adverse Conditions	динична —	annan an an 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
11. Have you looked for and found no adversely affect the safety function	other seismic conditions that could s of the equipment?	YX ND UD
<u>Comments (Additional pages may be added a</u> None.	is necessary)	
Evaluated by: Juan Vizcaya	m	Date: 09/11/2012
Patrick Kelly	ALA	09/11/2012

NO. SNCH082-RPT-02, VERSION 1.0 Sheet 3 of 4 Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2R43-S001C Equip. Class¹ 17

Equipment Description DIESEL GENERATOR 2C

Photographs



1: Equipment MPL# (2R43-S001C)

ATTACHMENT 3: SEISMIC WALKDOWN CHECKLISTS

NO. SNCH082-RPT-02, VERSION 1.0

Sheet 4 of 4



2: Equipment Elevation (2R43-S001C)

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Status: YX NU U

Seismic Walkdown Checklist (SWC)	
Equipment ID No. <u>2H21-P414B</u> Equip. Class ¹ <u>18</u>	
Equipment Description HPCI INSTR RACK	
Location: Bldg. <u>REACTOR</u> Floor El. <u>87</u> Room, Area <u>HPCI Room</u>	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	4 · · · ·
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space of t	an item of equipment on the the results of judgments and ig other comments.
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	YX N
2. Is the anchorage free of bent, broken, missing or loose hardware?	
3. Is the anchorage free of corrosion that is more than mild surface	
oxidation?	
4. Is the anchorage free of visible cracks in the concrete near the anchors?	
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.)	
Tha enchorage was compared against the SQUG Package dated 2/14/94.	
6. Based on the above anchorage evaluations, is the anchorage free of	
potentially adverse seismic conditions?	

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

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	Sheet 2 of 4
Seismic Walkdown Checklist (SWC)	
Equipment ID No. 2H21-P414B Equip. Class ¹ _18	<u> </u>
Equipment Description HPCI INSTR RACK	hanna a a a a a a a a a a a a a a a a a
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures? The overhead crane was evaluated during SQUG walkdowns for the item in this room (2E41-C002) and found to be seismically adequate.	YX NO UO N/AO
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	YX NO UO N/AO
9. Do attached lines have adequate flexibility to avoid damage?	YN NO UO NAO
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YX ND UD
Other Adverse Conditions	<u></u>
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YN ND UD
Comments (Additional pages may be added as necessary)	naaraa maafaannaa madaa mad
Cable behind the rack was not clamped to the frame. See attached pictu be a seismic concern as it has adequate restraints above and below. replacing the clamps. Area walkby was performed within the package for 2E21-C001B.	re. SWEs judged this not to CR523140 was initiated for
Evaluated by: KURSAT KINALI	Date: <u>9/24/2012</u>
WESLEY WILLIAMS Wesley A. Willi	9/24/2012

NO. SNCH082-RPT-02, VERSION 1.0

Sheet 3 of 4

Status: $Y \boxtimes N \square U \square$

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2H21-P414B Equip. Class¹ 18

Equipment Description HPCI INSTR RACK

Photographs





Sheet 4 of 4





Sheet 1 of 4

Status: YX N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No. <u>2H21-P414A</u> Equip. Class ¹ <u>18</u>	
Equipment Description HPCI INSTR RACK	
Location: Bldg. <u>REACTOR</u> Floor El. 87 Room, Area <u>HPCI Room</u>	
Manufacturer, Model, Etc. (optional but recommended)	-taanaan - aragaar - araft
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of a SWEL. The space below each of the following questions may be used to record the findings. Additional space is provided at the end of this checklist for documenting the space of the space space is provided at the end of the space space.	an item of equipment on the he results of judgments and g other comments.
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y⊠ N□
2. Is the anchorage free of bent, broken, missing or loose hardware?	YM NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YX NO UO N/AO
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YM NO UO N/AO
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.) The anchorage was checked against the SQUG package dated 2/14/94.	Ÿ⊠ Ň⊟ U⊟ N/A⊟
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

Sh	eet	9	of	
011	CCL	~	UI	4

		Sheet 2 01 4
Seismic Walkdown Checklist (SWC)	i	Status: YX NL U
Equipment ID No. 2H21-P414A	Equip. Class ¹ 18	
Equipment Description HPCI INSTR RAC	<u></u>	
Interaction Effects		
7. Are soft targets free from impact b The overhead crane was evaluated item in this room (2E41-C002) and	y nearby equipment or structures? I during SQUG walkdowns for the found to be seismically adequate.	
8. Are overhead equipment, distributi and masonry block walls not likely	on systems, ceiling tiles and lighting, to collapse onto the equipment?	YX NO UO N/AO
9. Do attached lines have adequate fle	exibility to avoid damage?	YX NO UO N/AO
10. Based on the above seismic interac of potentially adverse seismic inter	tion evaluations, is equipment free action effects?	YN ND UD
Other Adverse Conditions		
11. Have you looked for and found no adversely affect the safety function	other seismic conditions that could is of the equipment?	YNDUD
Comments (Additional pages may be added	as necessary)	
Cable behind the rack was not clar be a seismic concern as it has replacing the clamps.	nped to the frame. See attached pictul adequate restraints above and below.	re. SWEs judged this not to CR523140 was initiated for
Area walkby was performed within	the package for 2E21-C001B.	
Evaluated by: KURSAT KINALI	Sonaf Kinali	Date: 9/24/2012
WESLEY WILLIAMS	ulip A. Willia	9/24/2012

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Sheet 3 of 4 Status: YX N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. <u>2H21-P414A</u> Equip. Class¹ <u>18</u>

Equipment Description HPCI INSTR RACK

Photographs

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Sheet 4 of 4



Sheet 1 of 3

Status: YX N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No. <u>2H21-P434</u> Equip. Class ¹ _18	
Equipment Description HPCI INSTR RACK	
Location: Bldg. <u>REACTOR</u> Floor El. <u>87</u> Room, Area <u>HPCI Room</u>	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space of t	an item of equipment on the the results of judgments and ng other comments.
Anchorage	··· ·· •• •• · · ·
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	YX N
2. Is the anchorage free of bent, broken, missing or loose hardware?	YX NO ÚO NAO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Y⊠ N□ U□ N/A□
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YX NO UO N/AO
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.) Anchorage was compared against the SQUG package dated 2/15/94.	YX NO UO NAO
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

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Sheet 2 of 3

Status:	Y⊠	N	U
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Seismic Walkdown Checklist (SWC)	
Equipment ID No. <u>2H21-P434</u> Equip. Class ¹ <u>18</u>	n a tha an ann a tha an ann an ann an ann an an an an ann an a
Equipment Description HPCI INSTR RACK	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures?	
8. Are overhead equipment, distribution systems, ceiling tiles and lighting,	
and masonry block walls not likely to collapse onto the equipment?	
9 Do attached lines have adequate flexibility to avoid damage?	
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YM NO UO
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions that could	
adversely affect the safety functions of the equipment?	
<u>Comments</u> (Additional pages may be added as necessary)	
	anna an an an ann an an ann an an an an
Evaluated by: KURSAT KINALI	Date: 9/24/2012
Cranal of Monori Minister Manager Charles A	
WESLEY WILLIAMS Nesly A-Williams	9/24/2012

NO. SNCH082-RPT-02, VERSION 1.0

Sheet 3 of 3

Status: YX N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2H21-P434 Equip. Class¹ 18

Equipment Description HPCI INSTR RACK

Photographs





Seismic Walkdown Checklist (SWC)	
Equipment ID No. <u>2H21-P016</u> Equip. Class ¹ <u>18</u>	an a succession and a succession of the
Equipment Description MAIN STEAM FLOW INST RACK	
Location: Bldg. <u>REACTOR</u> Floor El. <u>87</u> Room, Area	
Manufacturer, Model, Etc. (optional but recommended)	an a
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space of the space space.	an item of equipment on the the results of judgments and ng other comments.
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y⊠ N□
2. Is the anchorage free of bent, broken, missing or loose hardware?	YX NI UI NAI
3. Is the anchorage free of corrosion that is more than mild surface	
oxidation?	
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YX NO UO N/AO
5. In the anahorage 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 was compared against the SQUG package for item 1H21- P016 which is also applicable for this item. The SQUG package was dated 10/26/88.	
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YM NO UO

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

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Sheet 2 of 3

Status:	Y⊠	N	U
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Seismic Walkdown Checklist (SWC)	Revised Constant - Laurent
Equipment ID No. 2H21-P016 Equip. Class ¹ _18	
Equipment Description MAIN STEAM FLOW INST RACK	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures? Platform grating on the top of this item prevents any impact from above.	
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	Y⊠ N⊡ U⊡ N/A⊡
9. Do attached lines have adequate flexibility to avoid damage?	YX NO UO N/AO
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YX NO UO
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YX NI UI
Comments (Additional pages may be added as necessary)	
Area walkby was performed within the package for 2E21-C001B.	
Evaluated by: KURSAT KINALI Article Hinseli, WESLEY WILLIAMS Werkey A William	Date: <u>9/24/2012</u> 9/24/2012

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2H21-P016 Equip. Class¹ 18

Equipment Description MAIN STEAM FLOW INST RACK

Photographs





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Status: YX N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No. <u>2H21-P036</u> Equip. Class ¹ <u>18</u>	
Equipment Description HPCI SYS LOCAL RACK	ara ang ang ang ang ang ang ang ang ang an
Location: Bldg. <u>REACTOR</u> Floor El. <u>130</u> Room, Area <u>RJ-R23 Sou</u>	thside
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenti	f an item of equipment on the the results of judgments and ng other comments.
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y⊠ N□
2. Is the anchorage free of bent, broken, missing or loose hardware?	Y⊠ N□ U□ N/A□
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	
4. Is the anchorage free of visible cracks in the concrete near the anchors? There is a horizontal surface crack on the wall but it is not passing through the anchors. It is not major enough to affect the integrity of the support.	
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.) Anchorage was compared against the SQUG package dated 2/15/94.	YX NO UO NAO
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YM NO UO

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

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Seismic Walkdown Checklist (SWC)	Status: YX N	U
Equipment ID No. <u>2H21-P036</u> Equip. Class ¹	18	
Equipment Description HPCI SYS LOCAL RACK		
Interaction Effects 7. Are soft targets free from impact by nearby equipn	nent or structures? Y⊠ N□ U□ N/A□	
8. Are overhead equipment, distribution systems, ceil and masonry block walls not likely to collapse onto	ling tiles and lighting, Y⊠ N□ U□ N/A□ o the equipment?	
9. Do attached lines have adequate flexibility to avoid	d damage? Y⊠ N□ U□ N/A□	l
10. Based on the above seismic interaction evaluations of potentially adverse seismic interaction effects?	s, is equipment free Y⊠ N□ U□	
Other Adverse Conditions 11. Have you looked for and found no other seismic co adversely affect the safety functions of the equipme	onditions that could Y N I U	
<u>Comments</u> (Additional pages may be added as necessary) Area walkby was performed within the package for	2H21-P410.	
Evaluated by: <u>KURSAT KINALI</u> Arismused by WESLEY WILLIAMS Werley A	Ameli Date: <u>9/25/2012</u> Will <u>9/25/2012</u>	

Sheet 3 of 3

Status: YX N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2H21-P036 Equip. Class¹ 18

Equipment Description HPCI SYS LOCAL RACK

Photographs





Sheet 1 of 6

Status: Y $N \square U \square$

Seismic Walkdown Checklist (SWC)		
Equipment ID No. <u>2H21-P018</u> Equip. Class ¹ <u>18</u>		
Equipment Description RHR Instrument Rack		
Location: Bldg. <u>REACTOR</u> Floor El. <u>87</u> Room, Area <u>NE Diagonal</u>		
Manufacturer, Model, Etc. (optional but recommended)		
Instructions for Completing Checklist		
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space of t	an item of equipment on the the results of judgments and ng other comments.	
Anchorage		
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	YM ND	
2. Is the anchorage free of bent, broken, missing or loose hardware?	Y⊠ N□ U□ N/A□	
3. Is the anchorage free of corrosion that is more than mild surface oxidation?		
There is mild surface oxidation on two of the anchor bolts. Since oxidation is only on the surface, the bolts are not degraded. Therefore, judged not to be a concern.		
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YX NO UO N/AO	
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.) SEWS Package 2H21-P018 (dated 2/15/94)	Y⊠ N⊡ U⊡ N/A⊡	
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YM NO UO	

^{*} Enter the equipment class name from Appendix B: Classes of Equipment.

	Sheet 2 of 6	
Seismic Walkdown Checklist (SWC)	Status: YX N	
Fairing and the Classing Class		
Equipment ID No. <u>21/214/010</u> Equip. Class*_10		
Equipment Description Ristament Rack		
Interaction Effects		
7. Are soft targets free from impact by nearby equipment or structures?		
8. Are overhead equipment, distribution systems, ceiling tiles and lighting		
and masonry block walls not likely to collapse onto the equipment?		
9. Do attached lines have adequate flexibility to avoid damage?		
10. Based on the above seismic interaction evaluations, is equipment free of notentially adverse seismic interaction effects?	YND UD	
or potonnany advorse seismie menetion enects?		
Other Adverse Conditions		
11 Have you looked for and found no other seismic conditions that could		
adversely affect the safety functions of the equipment?		
There is a small nut lying on the floor next to one of the anchor bolts.		
The nut is light and not capable of impacting any sensitive equipment, so there is no potentially adverse seismic condition.		
Comments (Additional pages may be added as necessary)		
See Component 2E11-F004A for Area Walk-by Checklist		
······································		
<u> </u>		
Evaluated by: John McEarland	Date: 00/2/120112	
	_ Date. <u>U3/24/2012</u>	
Jeff Horton fill Horton	<u>09/24/2012</u>	
Jeff Horton fff Horlow	09/24/2012	

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ATTACHMENT 3: SEISMIC WALKDOWN CHECKLISTS

Sheet 3 of 6 Status: Y⊠ N□ U□

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2H21-P018 Equip. Class¹_18

Equipment Description RHR Instrument Rack

Photographs



Figure 1 – Equipment ID No (2H21-P018)

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Figure 2 – Equipment Elevation (2H21-P018)

ATTACHMENT 3: SEISMIC WALKDOWN CHECKLISTS

NO. SNCH082-RPT-02, VERSION 1.0





Figure 3 - Mild Oxidation on Anchor Bolts (2H21-P018)





Figure 4 - Nut Next to Anchor Bolt (2H21-P018)