Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2-1805-53-BBC Equip. Class 12-Motor Control Control	ers & Wall-Mounted Contactors
Equipment Description 480V MOI Control CTR ZBBC	
Location: Bldg. Control Floor El. 180'-0" Room, Area RB18	
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	the results of judgments and
Anchorage (See Swc dated 8/16/12)	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	YD Y D
2. Is the anchorage free of bent, broken, missing or loose hardware?	Y
3. Is the anchorage free of corrosion that is more than mild surface	Y
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.)	Y□ N□ U□ N/A□
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Y NU UU

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment ID No. 2-1805-53-BBC Equip. Class 12 1-Motor Control Con	nten & Wall-Mounted Contactors
Equipment Description 480 V Mot Control Ctr 288	<u>c</u>
Interaction Effects (See SWC dated 8/16/12)	
7. Are soft targets free from impact by nearby equipment or structures?	YO NO VO N/AO
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	Y NU UU N/AU
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?	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? A visual inspect of this cabinet was performed on 3/22/13 to check for other adverse Conteam looked to verify internal components were adequately secured, any he adjacent cabinets were in place, as well as Searching for missing or dam no adverse seismic conditions were found. Some minor Issues are documented a	editions. In particular, the sw cessary fasteners connecting caged bolts/screws/connection:
Comments (Additional pages may be added as necessary) Some minor issues were found: "One (1) missing screw for a door hinge in compartment 200-2 "One (1) missing screw for a door hinge in the top of the 41th Com "One (1) door that could not be opened for compartment 210. It has been judged by the SWE team that these issues do not operable lity concern for this cobinet. Condition Report 611850 to document the condition. Evaluated by: Tose R. Hernandez.	iz. partment. BC-18. trepresent a sciemic or the has been generated
My Justo S. CHACON	3/22/13

UNIT

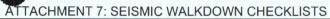
NO. SNCV061-RPT-02, VERSION 2.0

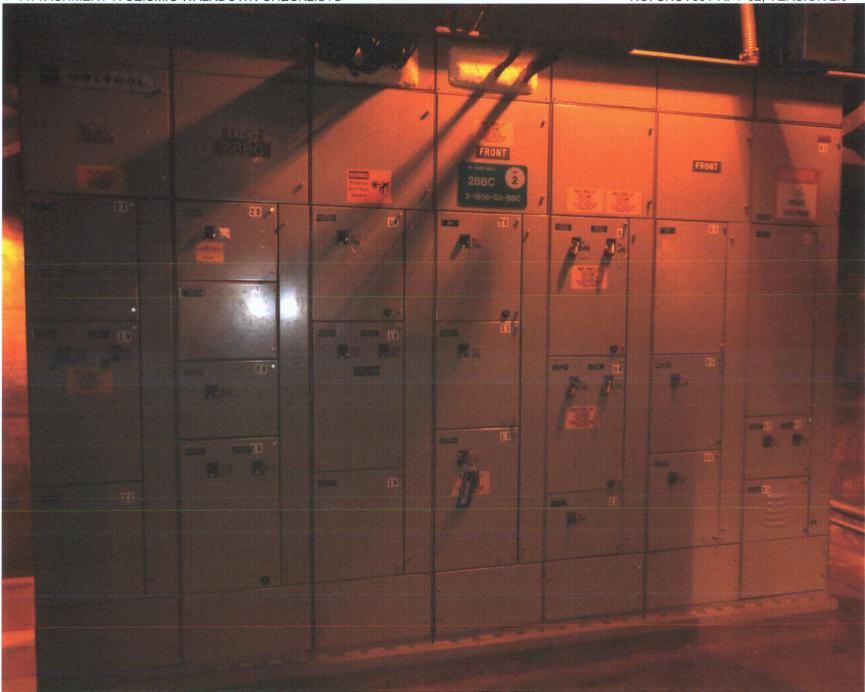
ARE POSITIONED BY SOP 13125-2 NOT REPOSITION ITHOUT THE USS PERMISSION

FRONT

1E 480V MCC

2-1805-S3-BBC





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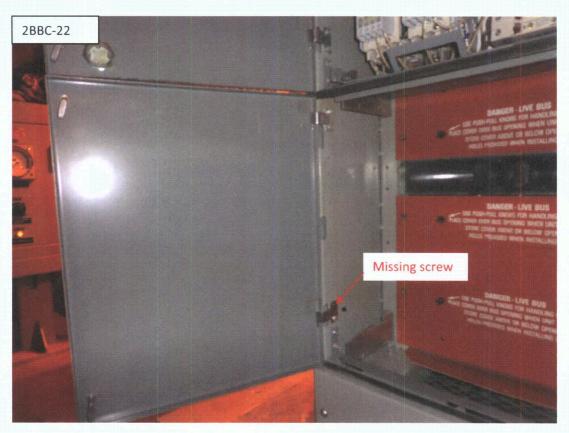
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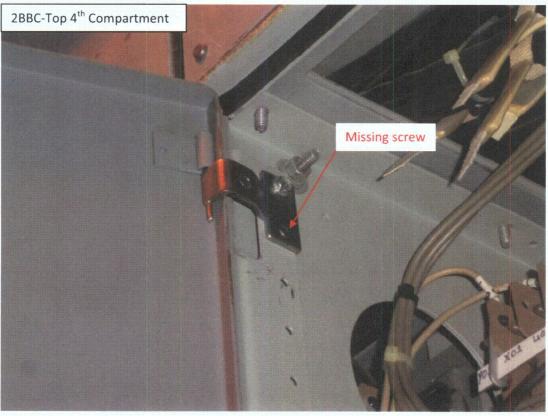


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Status:

N U

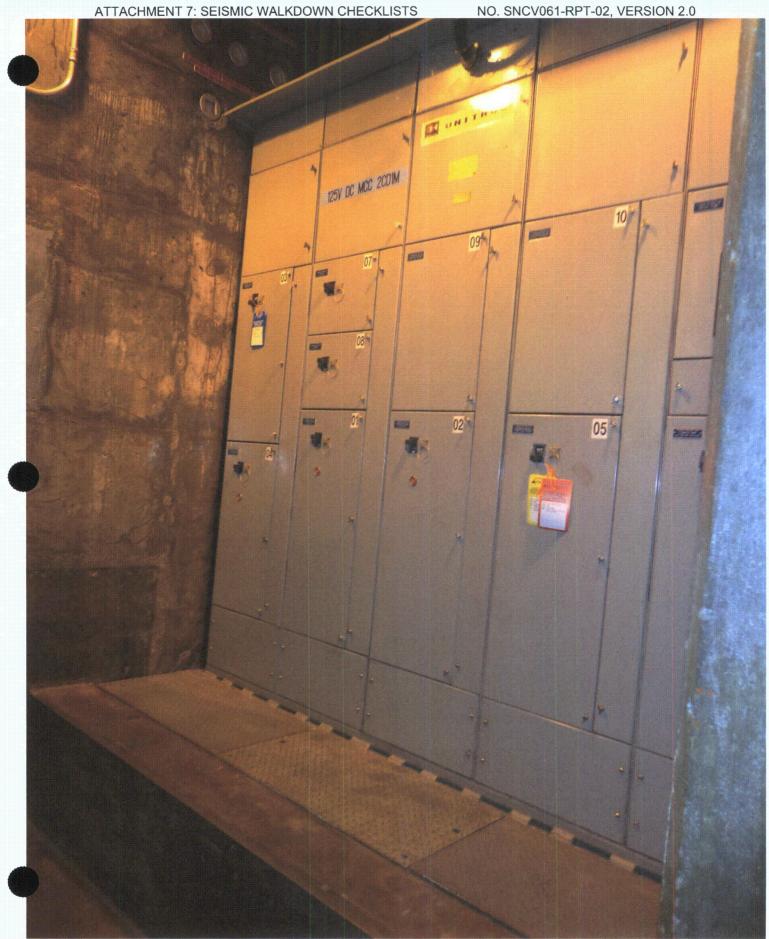
Equipment ID No. 2-1806-53-DCC Equip. Class 12 1- Motor Control Control	ers and Wall-mounted Contoctors
Equipment Description 125 VOC MCC 2CD1M	
Location: Bldg. Control Floor El. 180'-0" Room, Area R85	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist This checklist 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 is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided the space is prov	the results of judgments and
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?	Y⊠ N□ U□ N/A□
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 details per the following drawings: ANZD 116007, Rev 14	YØ N□ U□ N/A□
• האבטו הסטו, הבי וש • האבטו הסטו, הבי ל • האבטו השני ל 6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Y⊠ N□ U□

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

	ment Description 125 NDC MCC 3CDIM
<u>Inter</u> :	action 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, YK, N□ U□ N/A□ and masonry block walls not likely to collapse onto the equipment?
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 YX N□ U□ of potentially adverse seismic interaction effects?
Othe	r Adverse Conditions
abine m look abine	. Have you looked for and found no other seismic conditions that could YXN U U adversely affect the safety functions of the equipment? A visual inspection of the internal cot was performed on 3/11/2013 to check for other adverse conditions. In particular to verify internal components were adequately secured, any necessary fasters were in place, as well as scarching for missing or damaged bolts/screws/connectionsic conditions were found. A minor issue is documented on the "comments" sections.
	ments (Additional pages may be added as necessary)
	inor issue was found: three (3) screws for terminal blocks were missing. It had by the SWE team that this condition does not represents a seismic or
Conce	ern for this cabinet. Condition report 604433 has been generated to docum condition.



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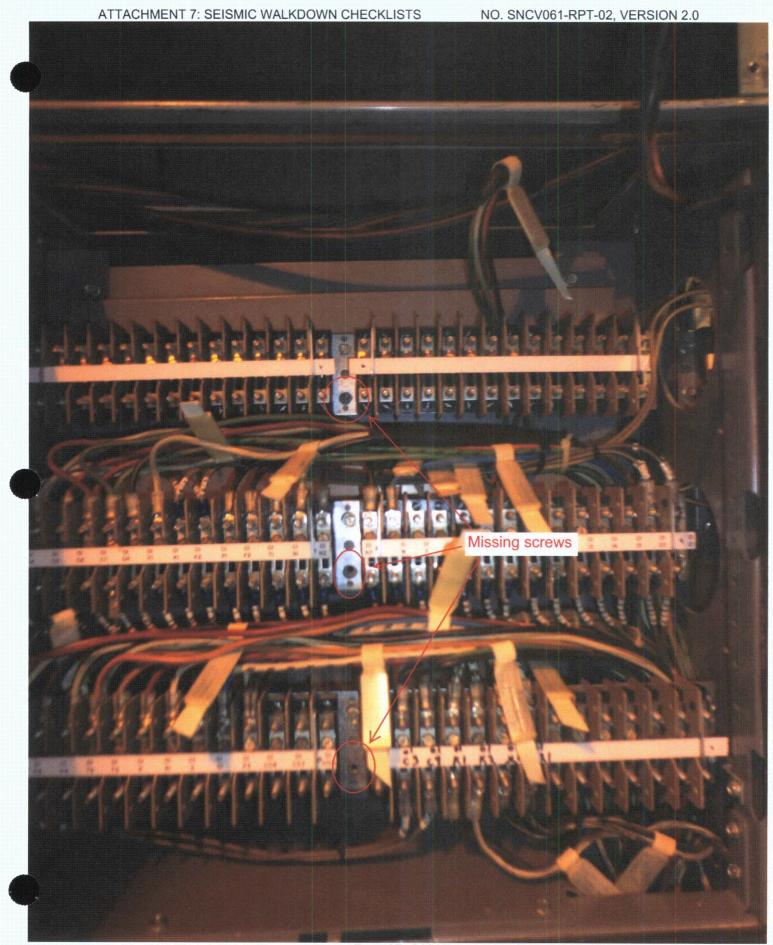
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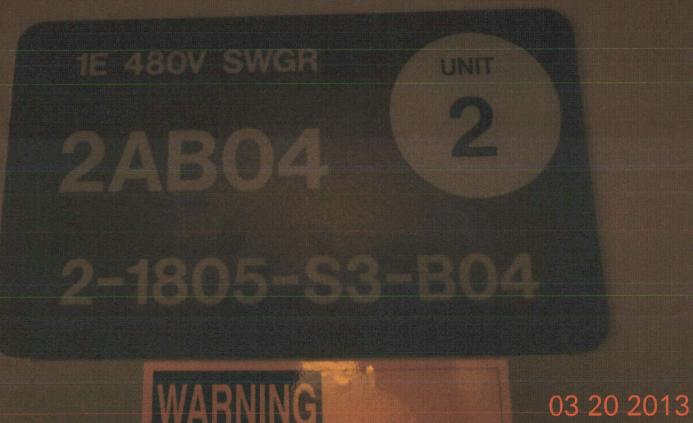
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Status: Y N U

Equipment ID No. 2-1805-53-804 Equip. Class 122- Low Voltage Switchgear and Breaker Porch
Equipment Description 480V Switchger 2 ABOY
Location: Bldg. Control Floor El. 180'-0" Room, Area RB04
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 (See SWC dated 8/28/12)
1. Is the anchorage configuration verification required (i.e., is the item one Y D Of the 50% of SWEL items requiring such verification)?
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 Y□ N□ U□ N/A□ 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? Y□ N□ U□ N/A□ (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 Y□N□U□ potentially adverse seismic conditions?

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

•	nipment Description 480V Sinitchgaar 2.4304
	raction Effects (See Swc dated 8/28/12) 7. Are soft targets free from impact by nearby equipment or structures? Y N N N N N N N N N N N N N N N N N N
	8. Are overhead equipment, distribution systems, ceiling tiles and lighting, Y N U N/A and masonry block walls not likely to collapse onto the equipment?
	9. Do attached lines have adequate flexibility to avoid damage? Y□ N□ U□ N/A□
1	10. Based on the above seismic interaction evaluations, is equipment free Y N U U of potentially adverse seismic interaction effects?
	her Adverse Conditions
!	11. Have you looked for and found no other seismic conditions that could YN N U U adversely affect the safety functions of the equipment? A visual inspection of the internal component was Performed on 3/22/13 to check for other adverse conditions. In particular, the
m looked cont cabine	to verify internal components were adequately secured, any necessary fasteners connects were in place, as well as searching for missing or damaged bolts/screws/connections. No adverse found.
m looked cont cabino aditio <u>ns w</u> <u>Coi</u>	to verify internal components were adequately secured, any necessary fasteners connects were in place, as well as searching for missing or damaged bolts/screws/connections. No adve
m looked cont cabino aditio <u>ns w</u> <u>Coi</u>	to verify internal components were adequately secured, any necessary fasteners connections to were in place, as well as searching for missing or damaged bolts/screws/connections. No adverse found. mments (Additional pages may be added as necessary)
m looked cent cabine ndi tron <u>s w</u> <u>Cor</u> No	to verify internal components were adequately secured, any necessary fasteners connections to were in place, as well as searching for missing or damaged bolts/screws/connections. No adverse found. mments (Additional pages may be added as necessary)



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Status: N U

Equipment ID No. 2-1805-53-RHRIA Equip. Class 12 16-8 a Hery Charge	gers and Inverters
Equipment Description STARTER/RHR 2-HV-87018	
Location: Bldg. Control Floor El. 180'-0" Room, Area RB 26	
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 is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of the space is provided the space is provid	the results of judgments and
Anchorage (see SWC dated 8/29/12)	
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□
Is the anchorage free of corrosion that is more than mild surface oxidation?	Y NU UNA
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.)	Y□ N□ U□ N/A□
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Y NU UU

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment Description 57	ARTER / RHR 2-HV-8701B	
Interaction Effects (See	SWC dated 8/29/12)	
7. Are soft targets free	from impact by nearby equipment or structures?	Y NO NO N/AO
	ment, distribution systems, ceiling tiles and lighting walls not likely to collapse onto the equipment?	, Y□ N□ U□ N/A□
9. Do attached lines ha	ave adequate flexibility to avoid damage?	Y N U N/A
	seismic interaction evaluations, is equipment free seismic interaction effects?	Y_ N_ U_
Other Adverse Conditions	<u>s</u>	
adversely affect the Of this cabinet was pertormed a beam looked to verify internal a	r and found no other seismic conditions that could safety functions of the equipment? A visual inspon 1/15/2013 to check for other adverse components were adequately secured, any new well as searching for missing or damaged and.	conditions. In particular, the SWE consecting
Comments (Additional page	s may be added as necessary)	
None.	,,,	
1	José R. Hernandez LUSTO S. CHACON	Date: 01/15/2013
Evaluated by:	Jose Is. Hernangez	



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Status: Y N U

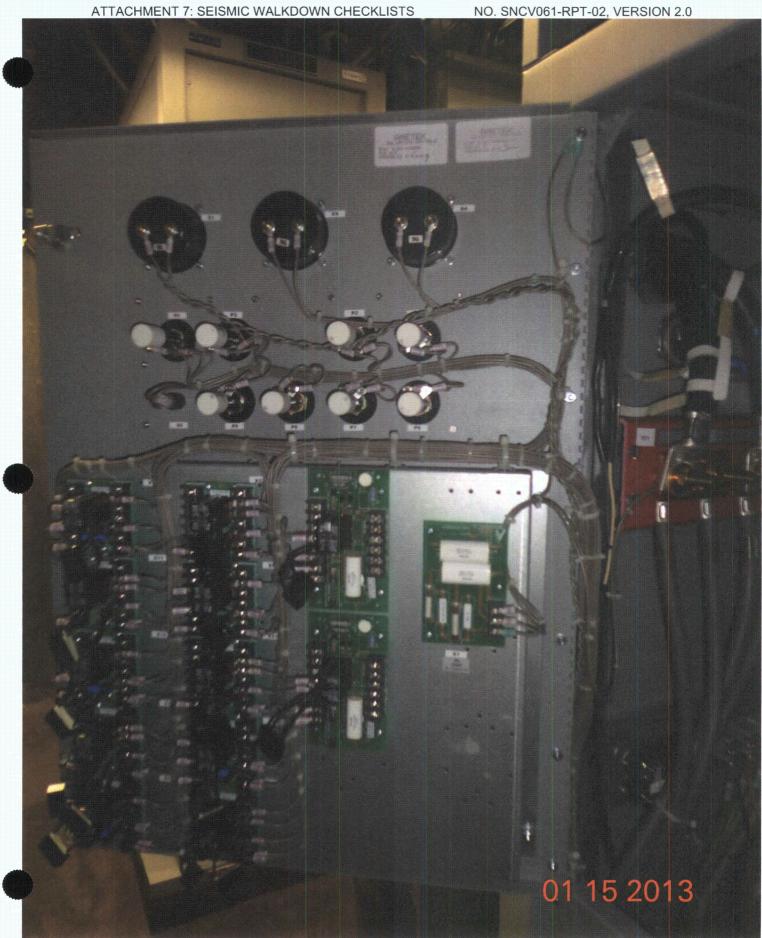
Seismic Walkdown Checklist (SWC)

Equipment ID No. 2-1805-Y3-IC5 Equip. Class 12 16- Battery Chargers and Inverters
Equipment Description NHR ISO VLV INVERTER
Location: Bldg. <u>Control</u> Floor El. <u>180'-0"</u> Room, Area <u>P.B26</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 (See SWC dated 8/29/2012)
1. Is the anchorage configuration verification required (i.e., is the item one Y□ Y□ of the 50% of SWEL items requiring such verification)?
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 Y□N□U□N/A□ 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? Y□ N□ U□ N/A□ (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 Y□N□U□ potentially adverse seismic conditions?

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment ID No. 2-1805-43-1C5 Equip. Class 12 16-Battery Chargers and Inverters RHR ISO VLV INVERTER Equipment Description ___ Interaction Effects (See SWC dated 8/29/2012) 7. Are soft targets free from impact by nearby equipment or structures? Y□ N□ №□ N/A□ 8. Are overhead equipment, distribution systems, ceiling tiles and lighting, Y□ N□ U□ N/A□ and masonry block walls not likely to collapse onto the equipment? 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 Y | N | U | of potentially adverse seismic interaction effects? **Other Adverse Conditions** 11. Have you looked for and found no other seismic conditions that could Y⊠ N□ U□ adversely affect the safety functions of the equipment? A visual inspection of the internal components Of this cabinet was performed on 1/15/13 to check for other adverse conditions. In particular, the SWE team looked to verify internal components were adequately secured, any necessary fasteners connecting adjacent cabinets were in Place, as well as searching for missing or damaged bolts/screws/connections. No adverse conditions were found. **Comments** (Additional pages may be added as necessary) This cabinet is in perfect condition given that is was recently installed. Justo S. CHACON 1/15/13 Evaluated by: _





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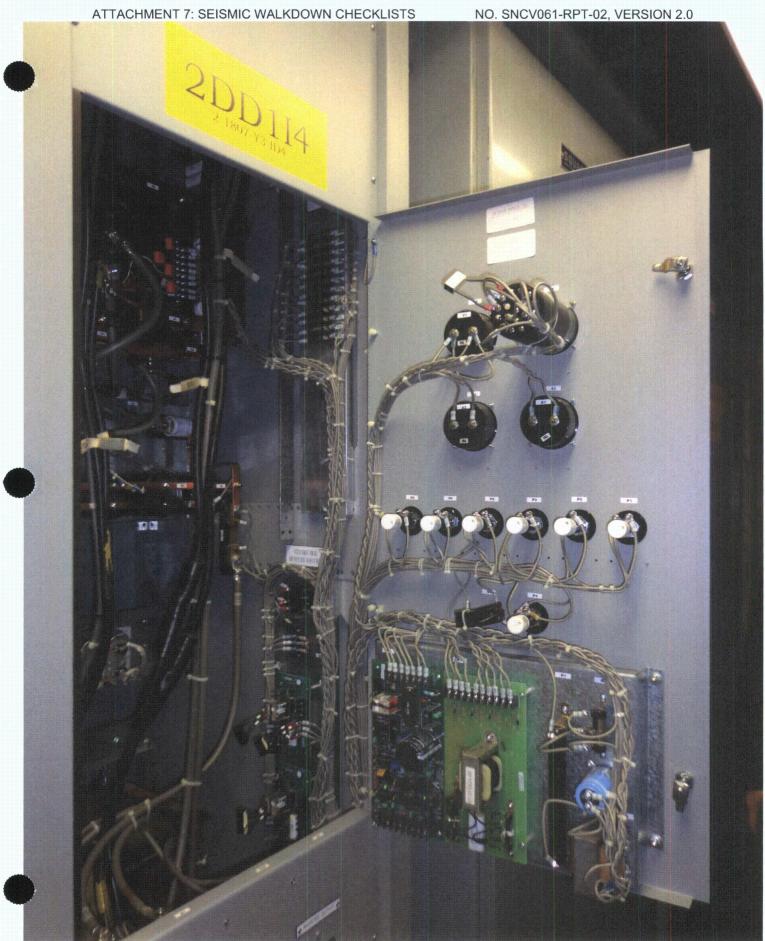
Status:

N U

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment Description Vital AC Inverter 200114	
Interaction Effects (See SWC dated 8/16/12)	
7. Are soft targets free from impact by nearby equipment or structures?	Y NO NO N/A[
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	Y
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?	Y NU UU
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? A visual insperiment was performed on 3/12/13 to check for other adverse conditioning internal components were adequately secured, any necessary the in place, as well as searching for missing or damaged bolts/secured found.	Y⊠ N□ U□ ction of the internal ens. In perticular, to fasteners Connection crews/connections. No
<u>Comments</u> (Additional pages may be added as necessary)	
A visual check was made to verify the IPEEE outlier fix to The fix consisted of removing a cable wedged between Cabin 2-1807-73-ID4. During the inspection previously performed to 1/08/13 it was confirmed that the cable was removed.	17- EB-1807- Q3-VI

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oxidation?

Y N U N/A

Y□ N□ U□ N/A□

Y□ N□ U□ N/A□

Y NUU

Sheet 1 of 2 Status: Y N U

Equipment ID No. 2-1806-B3-CAA Equip. Class 12 16 - Battery Chargers & Inverters
Equipment Description Battery Charger 2 ADICA
Location: Bldg. Control Floor El. 180'-0" Room, Area [CB29]
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 (See SWC dated 8/28/12)
 Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?
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

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 of 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?

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Interaction Effects (See SWC dated 3/28/12)	
7. Are soft targets free from impact by nearby equipment or structures?	Y NO NO N/AO
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?	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? A visual inspections Cabinet was performed on 3/18/13 to check for other adverse m looked to verify internal components were adequately secure cabinets were in place, as well as searching for missing or damped adverse Conditions were found.	a conditions T and a
Comments (Additional pages may be added as necessary)	
For an old cobinet ct is very well maintained.	



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