

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HE-15W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST COMPONENT COOLING WATER HEAT EXCHANGER

Project: DC Cook 1 SWEL

Location (Bldg, Elev, Room/Area): AB2, 609.00 ft, 609

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**

- |  |                |
|--|----------------|
| 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?<br><i>Threads not fully engaged on south west bolt, but OK only minor.</i>  | 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            |
| 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 |
| 6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?  | Yes            |

**Interaction Effects**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HE-15W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST COMPONENT COOLING WATER HEAT EXCHANGER

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  
*Block wall on south-west side of heat exchanger - retrofitted - OK per DWG 12-4028, Wall W-10*

9. Do attached lines have adequate flexibility to avoid damage? Yes

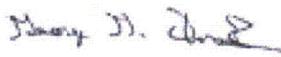
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

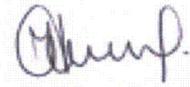
**Other Adverse Conditions**

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes  
*Cable trays lightly loaded*

**Comments**

Fire piping above well supported

Evaluated by:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

**Photos**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

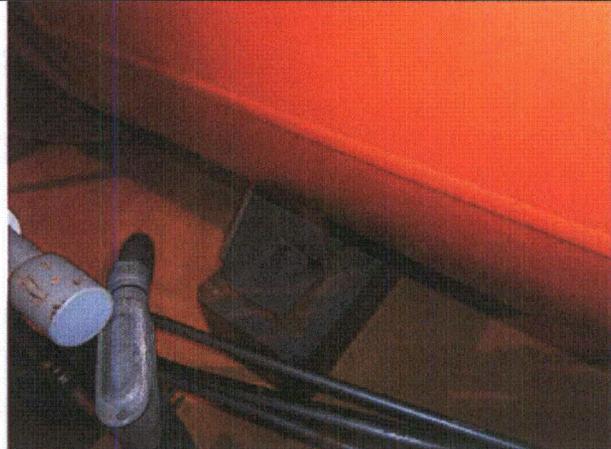
Equipment ID No.: 1-HE-15W

Equipment Class: (21) Tanks and Heat Exchangers

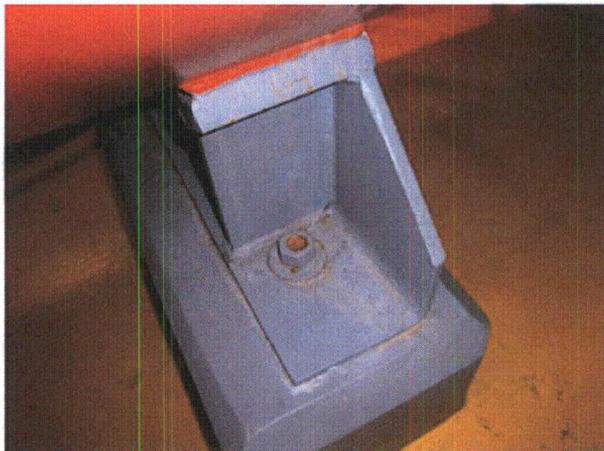
Equipment Description: WEST COMPONENT COOLING WATER HEAT EXCHANGER



P9100010



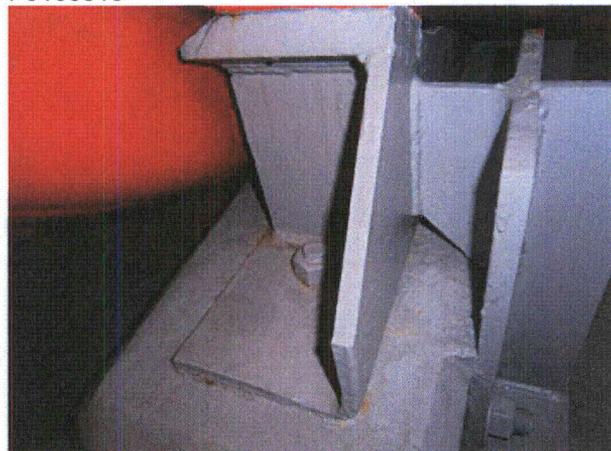
P9100011



P9100012



P9100013



Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

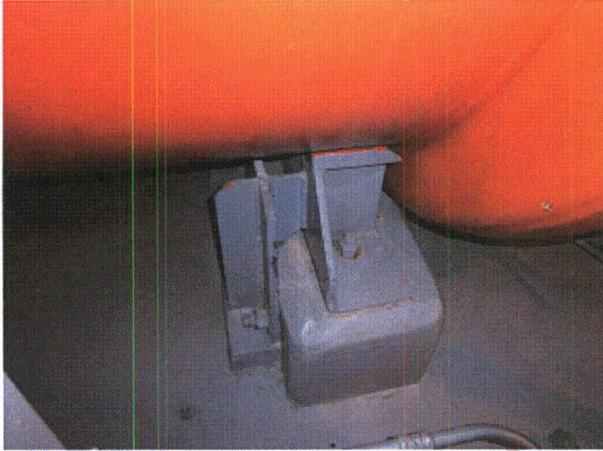
Equipment ID No.: 1-HE-15W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST COMPONENT COOLING WATER HEAT EXCHANGER

P9100014

P9100015



P9100016



P9100017



P9100018

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HE-17W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST RESIDUAL HEAT REMOVAL HEAT EXCHANGER

Project: DC Cook 1 SWEL

Location (Bldg, Elev, Room/Area): AB1, 609.00 ft, 6

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**

- |  |     |
|--|-----|
| 1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?  | Yes |
| <i>SQUG 1-HE-17W REV0</i>  |     |
| 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 |
| 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.) | Yes |
| 6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?  | Yes |

**Interaction Effects**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HE-17W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST RESIDUAL HEAT REMOVAL HEAT EXCHANGER

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

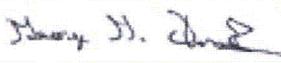
9. Do attached lines have adequate flexibility to avoid damage? Yes

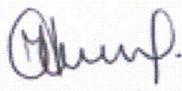
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

**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

**Comments**

Evaluated by:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

**Photos**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HE-17W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST RESIDUAL HEAT REMOVAL HEAT EXCHANGER



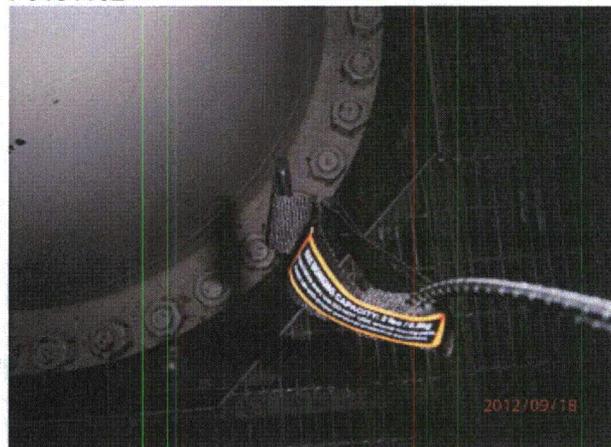
P9181101



P9181102



P9181103



P9181104



Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HE-17W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST RESIDUAL HEAT REMOVAL HEAT EXCHANGER

P9181105

P9181106



P9181107



P9181108

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HE-18W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER

Project: DC Cook 1 SWEL

Location (Bldg, Elev, Room/Area): AB1, 609.00 ft, 4

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**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes  
*SQUG 1-HE-18W REV0*
  
2. Is the anchorage free of bent, broken, missing or loose hardware? Yes  
*Verified with pictures where not visible from platforms*
  
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
  
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.) Yes
  
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

**Interaction Effects**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HE-18W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER

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

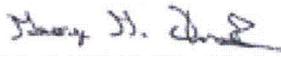
9. Do attached lines have adequate flexibility to avoid damage? Yes

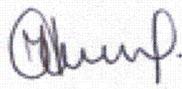
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

**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

**Comments**

Evaluated by:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

**Photos**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HE-18W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER



P9180947



P9180948



P9180949



P9180950



Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HE-18W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER

P9180951

P9180952



P9180953

P9180954



P9180955

P9180956

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HE-18W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER



P9180958



P9180959



P9180960



P9180961

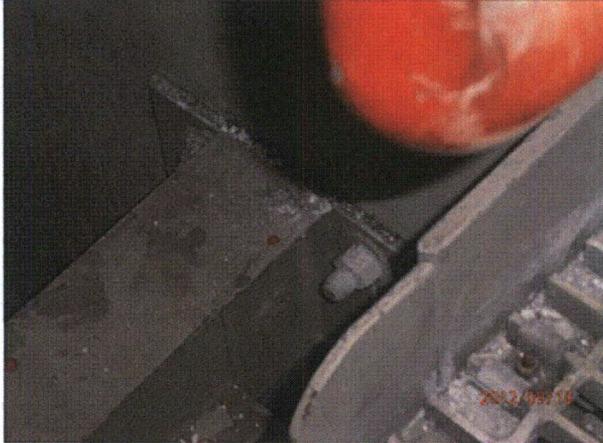
Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

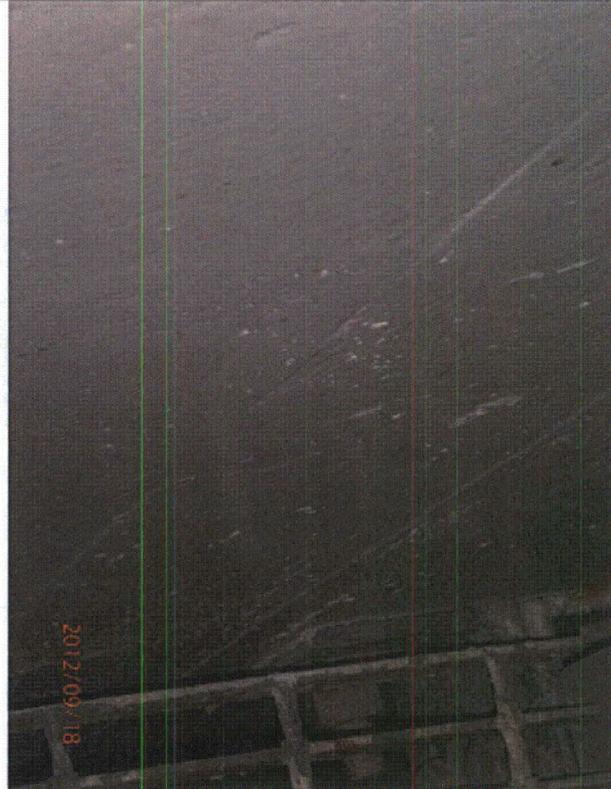
Equipment ID No.: 1-HE-18W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER



P9180962



P9180963



P9180964



P9180965

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-ACRA-2

Equipment Class: (10) Air Handlers

Equipment Description: CONTROL ROOM VENTILATION SOUTH AIR CONDITIONING

Project: DC Cook 1 SWEL

Location (Bldg, Elev, Room/Area): AB1, 650.00 ft, 129

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**

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? Yes
  
4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes
  
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
  
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

**Interaction Effects**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-ACRA-2

Equipment Class: (10) Air Handlers

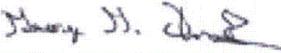
Equipment Description: CONTROL ROOM VENTILATION SOUTH AIR CONDITIONING

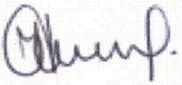
- 7. Are soft targets free from impact by nearby equipment or structures? Yes
  
- 8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
  
- 9. Do attached lines have adequate flexibility to avoid damage? Yes
  
- 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

**Comments**

Evaluated by:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

**Photos**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-ACRA-2

Equipment Class: (10) Air Handlers

Equipment Description: CONTROL ROOM VENTILATION SOUTH AIR CONDITIONING



P9100123



P9100124



P9100125



P9100126

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-ACRF-2

Equipment Class: (9) Fans

Equipment Description: CONTROL ROOM PRESSURIZATION/CLEANUP FILTER UNIT

Project: DC Cook 1 SWEL

Location (Bldg, Elev, Room/Area): AB1, 650.00 ft, 129

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**

- |  |                |
|--|----------------|
| 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?  | Yes            |
| 4. Is the anchorage free of visible cracks in the concrete near the anchors?   | Yes            |
| 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 |
| 6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?  | Yes            |

**Interaction Effects**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-ACRF-2

Equipment Class: (9) Fans

Equipment Description: CONTROL ROOM PRESSURIZATION/CLEANUP FILTER UNIT

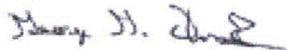
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes  
*Block Wall - retrofitted - OK per DWG 12-4031, Wall W-1*
9. Do attached lines 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

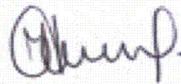
**Comments**

Evaluated by:



George G Thomas

Date: 10/18/12



Neda Stoeva

10/18/12

**Photos**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-ACRF-2

Equipment Class: (9) Fans

Equipment Description: CONTROL ROOM PRESSURIZATION/CLEANUP FILTER UNIT



P9100104



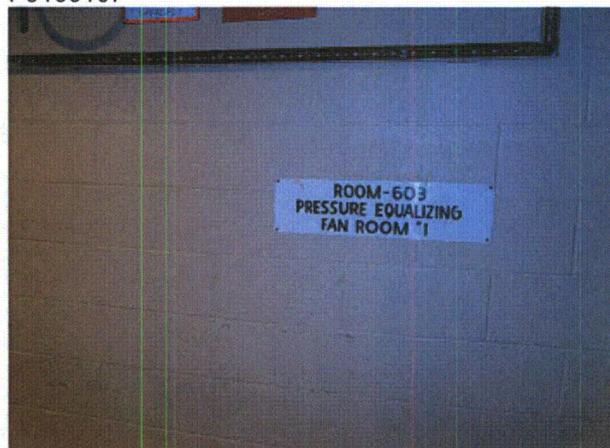
P9100105



P9100106



P9100107



Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-ACRF-2

Equipment Class: (9) Fans

Equipment Description: CONTROL ROOM PRESSURIZATION/CLEANUP FILTER UNIT  
P9100108 P9100109

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Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-AES-2

Equipment Class: (10) Air Handlers

Equipment Description: AUXILIARY BUILDING VENTILATION ENGINEERED SAFETY

Project: DC Cook 1 SWEL

Location (Bldg, Elev, Room/Area): AB1, 633.00 ft, 8

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**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes  
*DWG 12-5739 REV1*
  
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
  
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.) Yes
  
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

---

**Interaction Effects**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-AES-2

Equipment Class: (10) Air Handlers

Equipment Description: AUXILIARY BUILDING VENTILATION ENGINEERED SAFETY

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  
*Block wall behind filter unit - DWG 12-4029, Wall W-1*

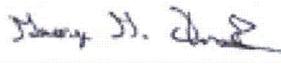
9. Do attached lines have adequate flexibility to avoid damage? Yes

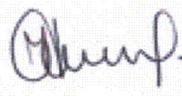
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

**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

**Comments**

Evaluated by:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

**Photos**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-AES-2

Equipment Class: (10) Air Handlers

Equipment Description: AUXILIARY BUILDING VENTILATION ENGINEERED SAFETY



P9100153



P9100154



P9100155



P9100156

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

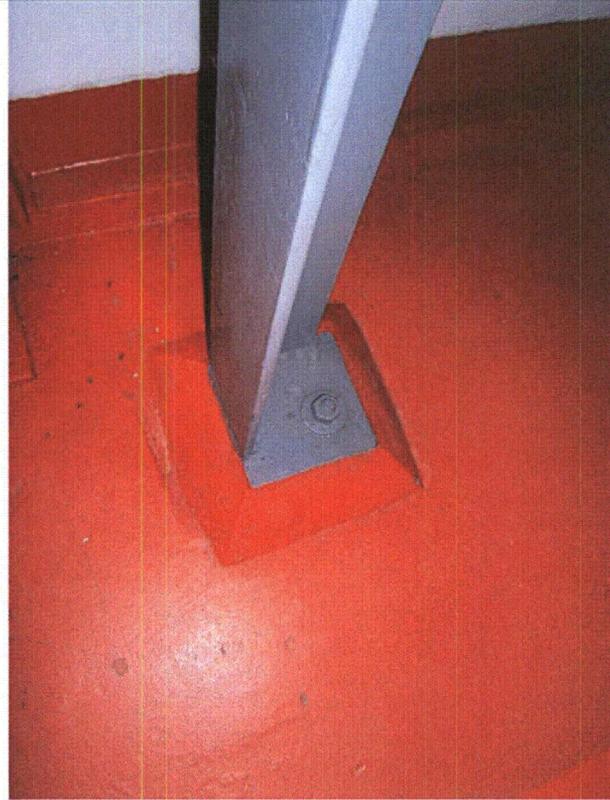
Equipment ID No.: 1-HV-AES-2

Equipment Class: (10) Air Handlers

Equipment Description: AUXILIARY BUILDING VENTILATION ENGINEERED SAFETY



P9100157



P9100158



P9100159



P9100160

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

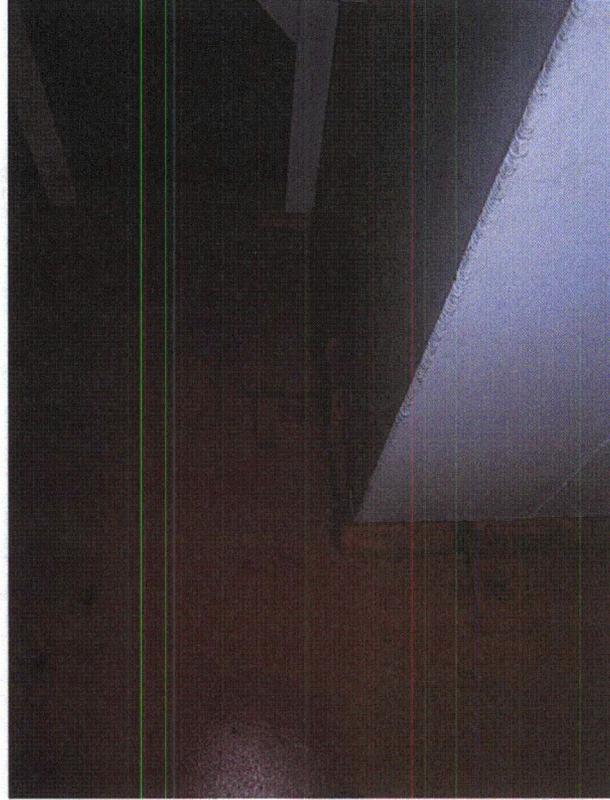
Equipment ID No.: 1-HV-AES-2

Equipment Class: (10) Air Handlers

Equipment Description: AUXILIARY BUILDING VENTILATION ENGINEERED SAFETY



P9100161



P9100162



P9100163



P9100164

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-AES-2

Equipment Class: (10) Air Handlers

Equipment Description: AUXILIARY BUILDING VENTILATION ENGINEERED SAFETY



P9100165



P9100166

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-CEQ-1

Equipment Class: (10) Air Handlers

Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FAN #1

Project: DC Cook 1 SWEL

Location (Bldg, Elev, Room/Area): CON1, 612.00 ft, 75

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**

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  
*Only saw 2.5 out of 4 sides of bolts*
  
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
  
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
  
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

**Interaction Effects**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-CEQ-1

Equipment Class: (10) Air Handlers

Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FAN #1

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

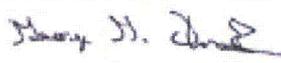
9. Do attached lines have adequate flexibility to avoid damage? Yes

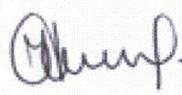
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

**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

**Comments**

Evaluated by:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

**Photos**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

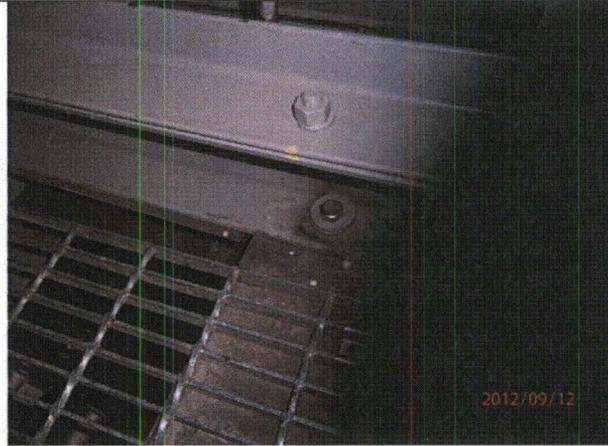
Equipment ID No.: 1-HV-CEQ-1

Equipment Class: (10) Air Handlers

Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FAN #1



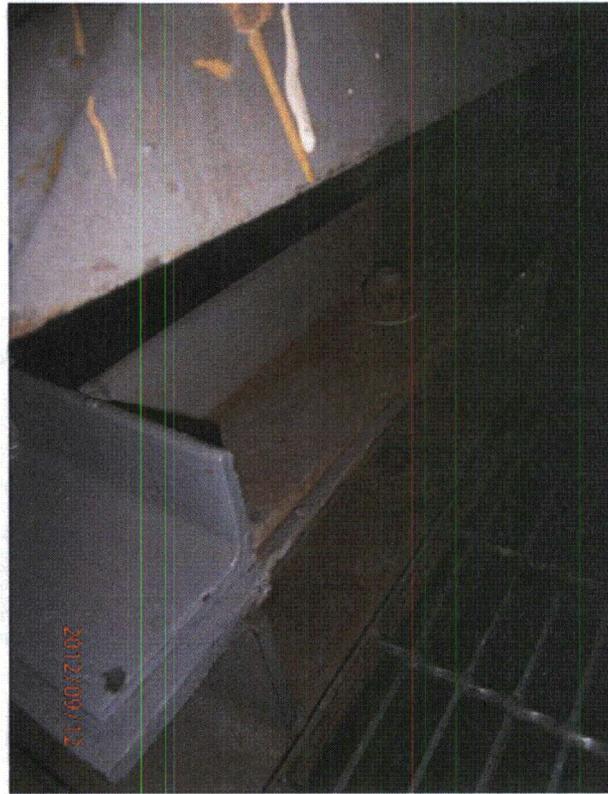
P9120430



P9120431



P9120432



P9120433

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-CEQ-1

Equipment Class: (10) Air Handlers

Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FAN #1



P9120434

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-CEQ-2

Equipment Class: (10) Air Handlers

Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FAN #2

Project: DC Cook 1 SWEL

Location (Bldg, Elev, Room/Area): CON1, 625.00 ft, 74

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**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes  
*SHOULD BE CHANGED TO 'NO' NOT ACCESSIBLE ALL THE WAY AROUND*
  
2. Is the anchorage free of bent, broken, missing or loose hardware? Yes  
*Can only see one side and 1 wall beam anchorage*
  
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes  
*Painted bolts*
  
4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable
  
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  
*Should be taken off anchorage list cannot see all anchors*
  
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

**Interaction Effects**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-CEQ-2

Equipment Class: (10) Air Handlers

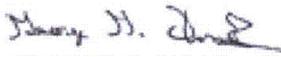
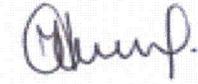
Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FAN #2

- |   |     |
|---|-----|
| 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 |
|--|-----|

**Comments**

Evaluated by:	<u></u>	George G Thomas	Date:	<u>10/18/12</u>
	<u></u>	Neda Stoeva		<u>10/18/12</u>

**Photos**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-CEQ-2

Equipment Class: (10) Air Handlers

Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FAN #2



P9120406



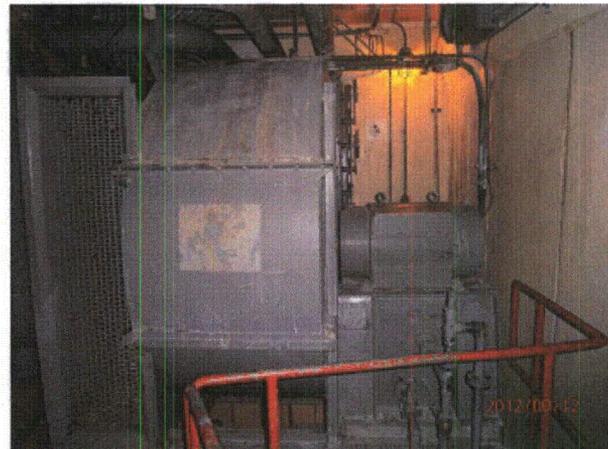
P9120407



P9120408



P9120409



Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-CEQ-2

Equipment Class: (10) Air Handlers

Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FAN #2

P9120410

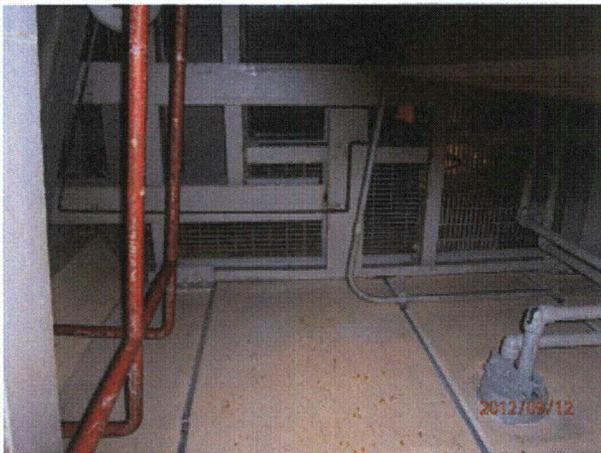
P9120411



P9120412



P9120413



P9120414

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-DGX-1

Equipment Class: (9) Fans

Equipment Description: AB EMERGENCY DIESEL GENERATOR ROOM VENTILATION

Project: DC Cook 1 SWEL

Location (Bldg, Elev, Room/Area): AB1, 587.00 ft, 121

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**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes  
*SQUG 1-HV-DGX-1 REV0*
  
2. Is the anchorage free of bent, broken, missing or loose hardware? Yes  
*Cannot see all bolts - other equipment/piping in area obstruct view. Visible bolts OK*
  
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes  
*Visible bolts OK*
  
4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable
  
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  
*CANNOT VERIFY ALL BOLTS*
  
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

**Interaction Effects**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-DGX-1

Equipment Class: (9) Fans

Equipment Description: AB EMERGENCY DIESEL GENERATOR ROOM VENTILATION

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

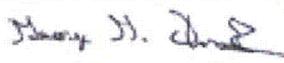
9. Do attached lines have adequate flexibility to avoid damage? Yes

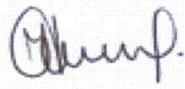
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

**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

**Comments**

Evaluated by:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

**Photos**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

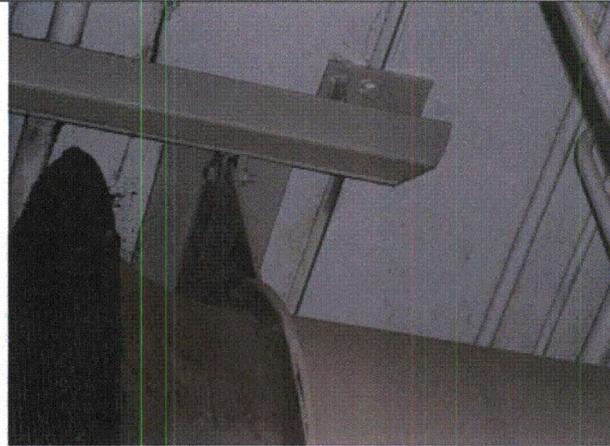
Equipment ID No.: 1-HV-DGX-1

Equipment Class: (9) Fans

Equipment Description: AB EMERGENCY DIESEL GENERATOR ROOM VENTILATION



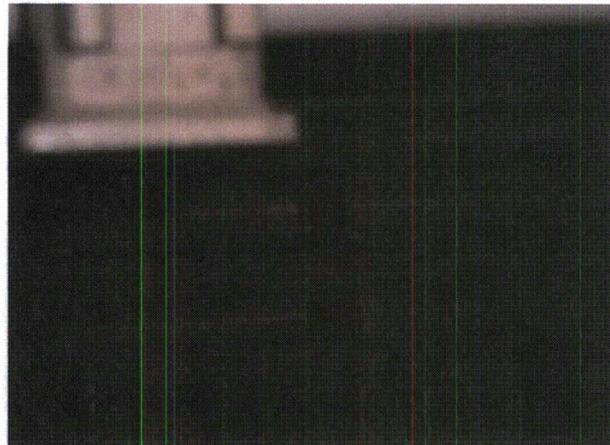
P9130301



P9130302



P9130303



P9130304



Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-DGX-1

Equipment Class: (9) Fans

Equipment Description: AB EMERGENCY DIESEL GENERATOR ROOM VENTILATION

P9130305

P9130306



P9130307

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-SGRS-8

Equipment Class: (9) Fans

Equipment Description: 4KV ROOM 600V SWITCHGEAR TRANSFORMERS TR11A AND

Project: DC Cook 1 SWEL

Location (Bldg, Elev, Room/Area): AB1, 609.00 ft, 204

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**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes  
*SQUG 1-HV-SGRS-8 REV0*
  
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? Not Applicable  
*Unistrut mounted*
  
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.) Yes
  
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

**Interaction Effects**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-SGRS-8

Equipment Class: (9) Fans

Equipment Description: 4KV ROOM 600V SWITCHGEAR TRANSFORMERS TR11A AND

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

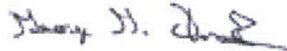
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

**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

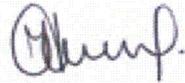
**Comments**

Evaluated by:



George G Thomas

Date: 10/18/12



Neda Stoeva

10/18/12

**Photos**

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 1-HV-SGRS-8

Equipment Class: (9) Fans

Equipment Description: 4KV ROOM 600V SWITCHGEAR TRANSFORMERS TR11A AND



P9170748



P9170749



P9170750



P9170751

Status:  Y  N  U

**Seismic Walkdown Checklist (SWC)**

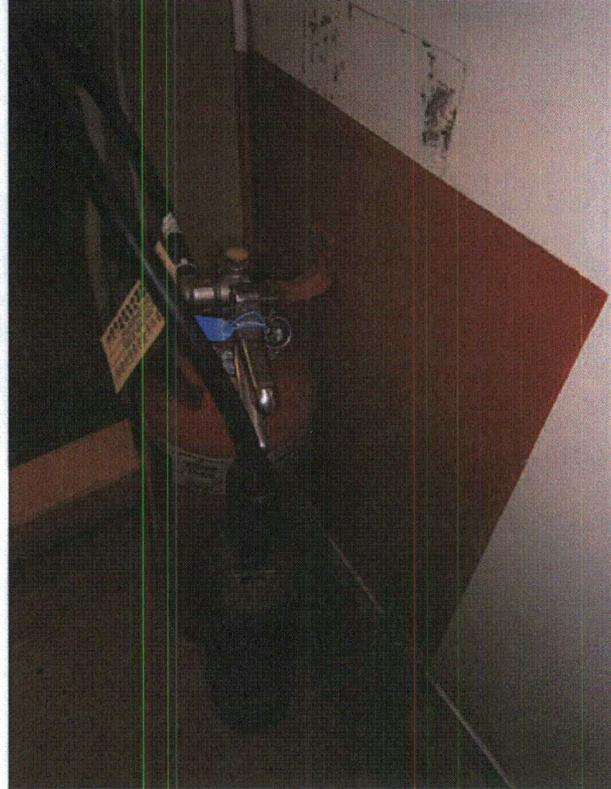
Equipment ID No.: 1-HV-SGRS-8

Equipment Class: (9) Fans

Equipment Description: 4KV ROOM 600V SWITCHGEAR TRANSFORMERS TR11A AND



P9170752



P9170753