Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 1 of 11

Status:	Y	N	- 11
Status.			0

Area V	Nalk-By Checklist (AWC)	
Lo	cation (Bldg, Elev, Room/Area): AWC-U1-16	
Instru	ctions for Completing Checklist	
space	necklist may be used to document the results of the Area Walk-By near one or more SWEL ite below each of the following questions may be used to record the results of judgments and fin onal space is provided at the end of this checklist for documenting other comments.	
1.	Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?	Yes
2.	Does anchorage of equipment in the area appear to be free of significant degraded conditions?	Yes
	Minor lack of thread engagement judged to be acceptable.	
		· .
3.	Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?	Yes
4.	Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? Several light fixtures with slightly-open S-hooks; not open enough to allow light fixture to fall from hook. Judged to be acceptable. Identified in IR 1404697.	Yes
·	One light fixture beam clamp oriented incorrectly. Station vertical seismic acceleration is low. Judged to be acceptable. Identified in IR 1404697.	
5.	Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? <i>Threaded fire piping, room heater, and associated piping well-supported. All other piping is welded.</i>	Yes
6.	Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Hydrogen bottles well-supported in rack. Other gas bottles adequately chained.	Yes

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 2 of 11

.

Area W	/alk-By Checklist (AWC)	Status: Y N U
Lo	cation (Bldg, Elev, Room/Area): AWC-U1-16	
7.	Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? Valve chained on floor to robust U1 RHR to FPC pipe. Judged to be acceptable.	Yes
	Spool piece toolbox within 12 inches of robust duct riser. Judged to be acceptable.	
8.	Stanchions relocated to acceptable position during walkdown. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Variety of minor bends in rod hangers all judged to be acceptable.	Yes
<u>Comm</u> Seismi	<u>ents</u> c Walkdown Team: D. Carter & J. Griffith - 8/21/2012	
Evalua	ted by: David Carter Date:	10/4/2012
	Jm D. April James Griffith	10/4/2012

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 3 of 11

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-16

Photos Status: YN U n Checklist (SWC) Foliom ant ID No UI HW NORTH BANK RB 395 Sheet 1 o a Walk-By Checklist (AWC) 2012/08/21 13:54

8-21-12 Quad Cities 222



Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 4 of 11

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-16



8-21-12 Quad Cities 224



Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 5 of 11

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-16



8-21-12 Quad Cities 226



Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 6 of 11

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-16



8-21-12 Quad Cities 228

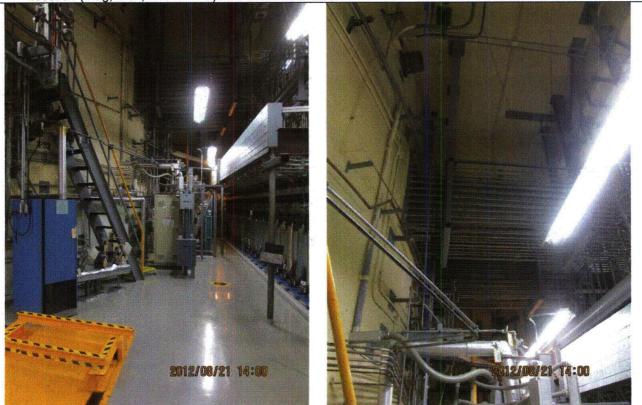


Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 7 of 11

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-16



8-21-12 Quad Cities 230

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 8 of 11

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-16





8-21-12 Quad Cities 233

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 9 of 11

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-16



8-21-12 Quad Cities 234

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 10 of 11

Status: Y N U

Area Walk-By Checklist (AWC)

 Location (Bldg, Elev, Room/Area): AWC-U1-16

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8-21-12 Quad Cities 236



Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 11 of 11

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-16



8-21-12 Quad Cities 238



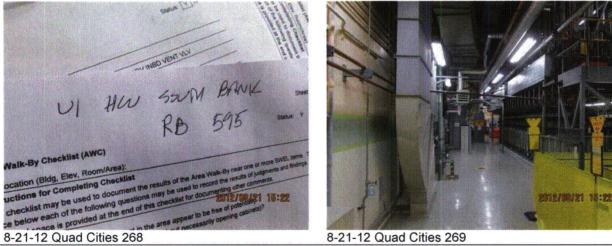
Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 1 of 10

A		Status: Y N U
Area w	/alk-By Checklist (AWC)	
	cation (Bldg, Elev, Room/Area): AWC-U1-17	
	tions for Completing Checklist	
space b	ecklist may be used to document the results of the Area Walk-By near one or more S below each of the following questions may be used to record the results of judgments nal space is provided at the end of this checklist for documenting other comments.	
1.	Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?	Yes
2.	Does anchorage of equipment in the area appear to be free of significant degraded conditions? <i>Minor lack of thread engagement judged to be acceptable.</i>	Yes
·		
3.	Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?	Yes
· 4.	 Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? Incorrect beam clamp orientation between HCU rows. Station vertical seismic acceleration is small. Judged to be acceptable. Identified in IR 1404697. Overhead light fixture with slightly-open S-hook. Fixture not able to fall from hook. Identified in IR 1404697. 	Yes
	1 of 2 bolts missing between backs of racks at positions 30-51 and 30-35 at top. Judged to be acceptable. Identified in IR 1403391.	
5.	8'x8' 3-sided U-shaped masonry wall (107, 117, and 118 per B-1734, Rev. C) is safety related. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? <i>Threaded fire pipe is well supported and judged acceptable.</i>	Yes
6.	Two room heaters and associated piping well supported and judged to be acceptable. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Yes

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		Status: Y N U
Area W	alk-By Checklist (AWC)	
Loc	ation (Bldg, Elev, Room/Area): AWC-U1-17	
	Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? <i>Gas bottles well supported in rack. No concern.</i>	Yes
	Seismic storage issue corrected during walkdown. See IR 1405922.	
	Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? <i>Minor bends in rod hangers judged to be acceptable.</i>	Yes
	Interaction between various pipes and conduits judged to be acceptable.	
	Cabinet 2201-86A with doors open. Per AT#843351-02 and WR#286977: cabinet is not safety-related nor a seismic concern.	
Comme	ints	
Seismic	Walkdown Team: D. Carter & J. Griffith - 8/21/2012	
Evaluate	ed by: David Carter Date:	10/4/2012
	Jms D Approved James Griffith	10/4/2012
Photos		and a second



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Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 3 of 10

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-17



8-21-12 Quad Cities 270



8-21-12 Quad Cities 272





8-21-12 Quad Cities 273

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 4 of 10

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-17



8-21-12 Quad Cities 274



Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 5 of 10

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-17



8-21-12 Quad Cities 276



8-21-12 Quad Cities 277

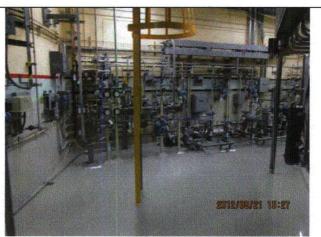
Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 6 of 10

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-17





8-21-12 Quad Cities 279

8-21-12 Quad Cities 278

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 7 of 10

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-17



8-21-12 Quad Cities 280



Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 8 of 10

Status: Y N U

Area Walk-By Checklist (AWC)



Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 9 of 10

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-17



8-21-12 Quad Cities 284

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 10 of 10

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-17



8-21-12 Quad Cities 286



Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 1 of 5

Area V	Valk-By Checklist (AWC)	Status: Y N U
Lo	cation (Bldg, Elev, Room/Area): AWC-U1-18	
	ctions for Completing Checklist	
space	necklist may be used to document the results of the Area Walk-By near one or more below each of the following questions may be used to record the results of judgmen anal space is provided at the end of this checklist for documenting other comments.	
1.	Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?	Yes
2.	Does anchorage of equipment in the area appear to be free of significant degraded conditions?	Yes
3.	Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)? Conduits close to rod hangers with adequate flexibility are judged to be acceptable.	Yes
4.	Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? <i>IR 1402669</i> :	Yes
	Overhead light fixtures have open S-hooks. Excessive swing mitigated by conduit, unistrut, etc. Fixtures not judged to disengage from S-hooks and therefore are acceptable. Repaired by FIN team on 8/20/12.	
5.	Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?	Yes
6.	Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Yes
7.	Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?	Yes

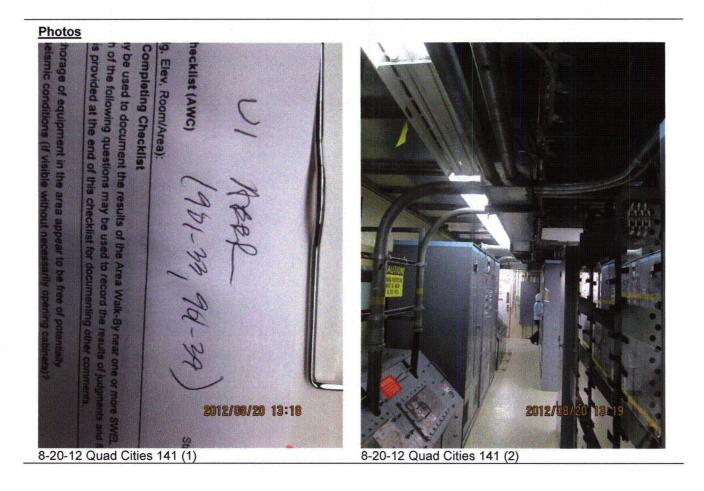
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Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 2 of 5

Area Walk-By C	hecklist (AWC)		Status: Y N U
Location (Blo	lg, Elev, Room/Area): AWC-U1-18		
	u looked for and found no other seismic co y affect the safety functions of the equipm		Yes
<u>Comments</u> Seismic Walkdov	vn Team: D. Carter & J. Griffith - 8/20/201	2	
Evaluated by:	Samulat David Carter	Date	e: <u>10/4/2012</u> 10/4/2012



D-141

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 3 of 5

2012/08/20 13:19

Status: Y N U

Area Walk-By Checklist (AWC)



8-20-12 Quad Cities 141 (3)

8-20-12 Quad Cities 141 (4)

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 4 of 5

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-18



8-20-12 Quad Cities 141 (5)



8-20-12 Quad Cities 141 (6)

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 5 of 5

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-18



8-20-12 Quad Cities 141 (7)

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 1 of 2

Status: Y N U

Area Walk-By Checklist (AWC)

Lo	cation (Bldg, Elev, Room/Area): AWC-U1-19	
Instru	ctions for Completing Checklist	
space	necklist may be used to document the results of the Area Walk-By near one or more SWEL items. below each of the following questions may be used to record the results of judgments and findings anal space is provided at the end of this checklist for documenting other comments.	
1.	Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?	Yes
. 2.	Does anchorage of equipment in the area appear to be free of significant degraded conditions?	Yes
3.	Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)? Overhead equipment not visible due to drop ceilings outside of cabinet and sheet metal ceiling inside.	Yes
4 .	Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?	Yes
5.	Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?	Yes
6.	Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Yes

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 2 of 2

Status:	V	N	- 11
Status.		EN .	0

Area Walk-By Ch	ecklist (AWC)			
7. Does it ap associate	g, Elev, Room/Area): AWC-U1-19 opear that the area is free of potentially adverse seismic inter d with housekeeping practices, storage of portable equipmer / installations (e.g., scaffolding, lead shielding)?			Yes
	olling ladder near Panels 901-13 and 943-5. Informed Unit S	upervisor		
cabinets.	01-55 and 901-56 have small filing cabinets next to each end Filing cabinet orientation acceptable to prevent seismic inter Unit Supervisor to correct.			
	n of file cabinets located behind control boards in north east interaction with main control boards.	corner		
See IR 14	05922.			1
8. Have you	ninets anchored to wall and judged to be acceptable. looked for and found no other seismic conditions that could affect the safety functions of the equipment in the area?			Yes
<u>Comments</u> Seismic Walkdow	n Team: D. Carter & J. Griffith - 8/20/2012			
Per Operations, n	o photos permitted in control room.			
Evaluated by:	Schillet David Carter	_ Date:	10/4/2012	
	James Griffith		10/4/2012	_
<u>Photos</u>				

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 1 of 8

		Status: Y N U
Area V	Valk-By Checklist (AWC)	
Lo	cation (Bldg, Elev, Room/Area): AWC-U1-20	
	ctions for Completing Checklist	
space l	necklist may be used to document the results of the Area Walk-By near one or more S below each of the following questions may be used to record the results of judgments nal space is provided at the end of this checklist for documenting other comments.	
1.	Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?	Yes
2.	Does anchorage of equipment in the area appear to be free of significant degraded conditions?	Yes
3.	Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?	Yes
 4.	Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? <i>Trolley on top currently at middle of switchgear 19, away from stops. Current</i> <i>position judged to be acceptable. Pin recommended as permanent fix. Current</i> <i>condition is judged to be acceptable. See IR 1419584.</i>	Yes
	Adjacent masonry wall at south end near switchgear 19 restrained at top. Judged to be acceptable.	
	Light fixture at south end of switchgear 18 has open S-hooks; mitigated by position and power cord tether to wall. Judged to be acceptable. Identified in IR 1403072.	
5.	Rod-hung conduits in contact with fire protection pipe rod hangers. Conduits and rods are flexible and judged to be acceptable. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? <i>Threaded fire piping well-supported</i> .	Yes
6.	Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Yes

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 2 of 8

Area Walk-By Che	ecklist (AWC)		Status: Y N U
Location (Bldg	, Elev, Room/Area): AWC-U1-20		
associated temporary Ladder ne	pear that the area is free of potentially adverse seis I with housekeeping practices, storage of portable e installations (e.g., scaffolding, lead shielding)? ear abandoned MG set judged to be acceptable. Re s gang-box during walk-by. See IR 1405922.	equipment, and	Yes
8. Have you l	looked for and found no other seismic conditions the affect the safety functions of the equipment in the a		Yes
<u>Comments</u> Seismic Walkdown	Team: D. Carter & J. Griffith - 8/20/2012		
Evaluated by:	Sm D. April James Griffith	Date:	10/12/2012
	Jons D. Aprild James Griffith		10/12/2012
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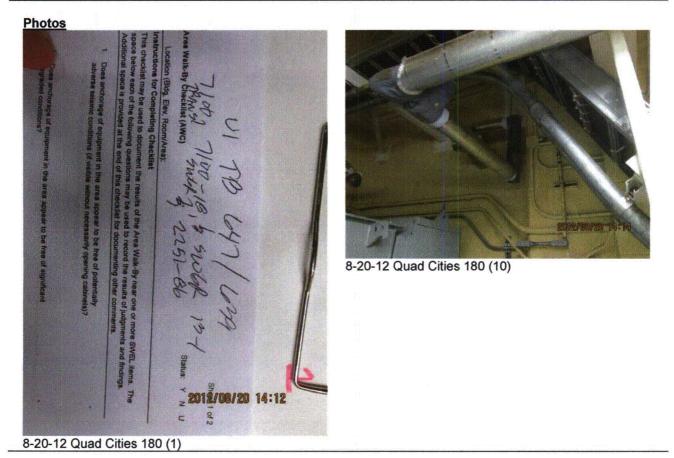
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Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 3 of 8

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-20



Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 4 of 8

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-20



8-20-12 Quad Cities 180 (12)

8-20-12 Quad Cities 180 (11)





8-20-12 Quad Cities 180 (3)

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 5 of 8

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-20



8-20-12 Quad Cities 180 (4)



8-20-12 Quad Cities 180 (5)



8-20-12 Quad Cities 180 (6)

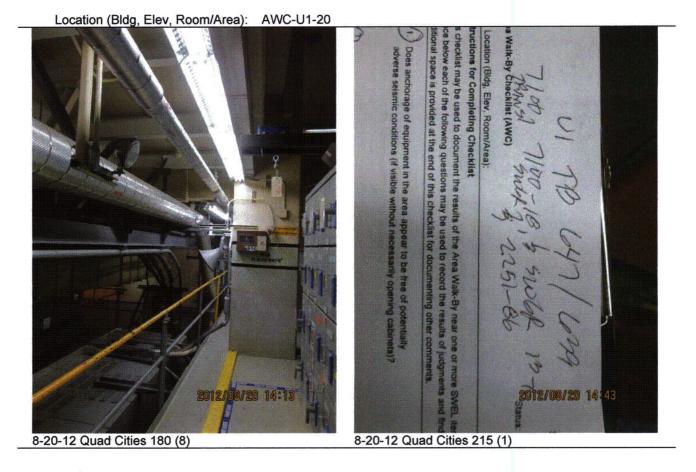


8-20-12 Quad Cities 180 (7)

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 6 of 8

Status: Y N U

Area Walk-By Checklist (AWC)



Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 7 of 8

Status: Y N U

Area Walk-By Checklist (AWC)

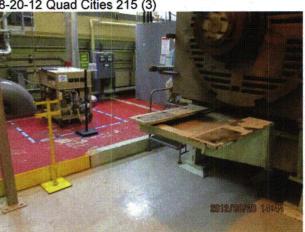


8-20-12 Quad Cities 215 (2)





8-20-12 Quad Cities 215 (4)



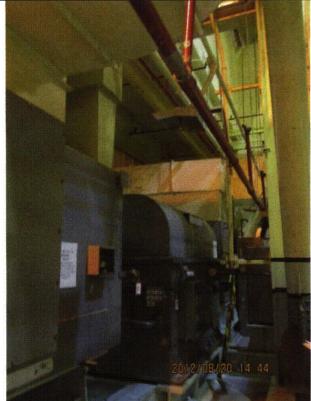
8-20-12 Quad Cities 215 (5)

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 8 of 8

Status: Y N U

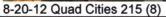
Area Walk-By Checklist (AWC)

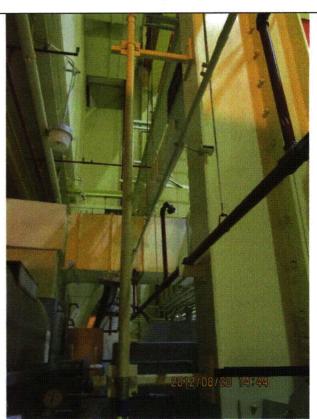
Location (Bldg, Elev, Room/Area): AWC-U1-20



8-20-12 Quad Cities 215 (6)







8-20-12 Quad Cities 215 (7)



8-20-12 Quad Cities 215 (9)

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 1 of 5

Area V	Valk-By Checklist (AWC)	Status: Y N U
Lo	cation (Bldg, Elev, Room/Area): AWC-U1-21	
Instruc	ctions for Completing Checklist	
space	necklist may be used to document the results of the Area Walk-By near one or more below each of the following questions may be used to record the results of judgment and space is provided at the end of this checklist for documenting other comments.	
1.	Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?	Yes
2.	Does anchorage of equipment in the area appear to be free of significant degraded conditions?	Yes
3.	Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?	Yes
4 .	Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? <i>Masonry wall adjacent to Switchgear 14-1 restrained at top. Judged to be acceptable.</i>	Yes
	Fire piping in contact with robust portion of light fixture; judged to be acceptable.	
5.	Rod-hung conduit in contact with fire protection pipe rod hangers. Conduit and hangers are flexible and judged to be acceptable. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? <i>Fire piping well-supported.</i>	Yes
6.	Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? <i>Metal oil rag storage bin with cover judged to be acceptable.</i>	Yes

		Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 2 of 5
Area Walk-By Checkli	ist (AWC)	Status: Y N U
Location (Bldg, Ele	v, Room/Area): AWC-U1-21	
 Does it appear associated with temporary insta 	that the area is free of potentially adverse seismic interaction n housekeeping practices, storage of portable equipment, and allations (e.g., scaffolding, lead shielding)? r near abandoned MG set judged to be acceptable.	
	ed for and found no other seismic conditions that could t the safety functions of the equipment in the area?	Yes
Comments	and Break and a nation of the lattice of the second of the second states of the factor of the second second sec	e pontena. Alteratura for transformativa do antera da esta da e
	am: D. Carter & J. Griffith - 8/20/2012	
Evaluated by:	Mat David Carter Da	ate: <u>10/4/2012</u>
5	James Griffith	10/4/2012

Photos	
UI TO 639 sheet VI GINIM OF ROPOSStatus: Y 1 Valk-By Chacklist (AWC) 2251-67 ocation (Bidg. Elev. Room/Area): untions for Completing Checklist	
Walk-By Checklist (AWC) 2251-67	
checklist may be used to document the results of the Area Walk-by near used to fudgments and findings. Is below each of the following questions may be used to record the results of judgments and findings. Idonal space is provided at the end of this checklist for documenting other comments.	
Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)? 2012/06/20 14:58	2012/08/20 15 00
2. Does anchorage of equipment in the area appear to be free of significant	
8-20-12 Quad Cities 231 (1)	8-20-12 Quad Cities 231 (10)

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 3 of 5

Status: Y N U

Area Walk-By Checklist (AWC)

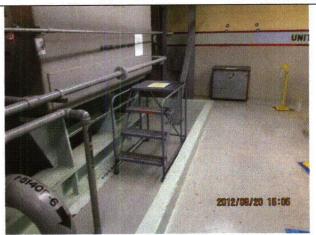
Location (Bldg, Elev, Room/Area): AWC-U1-21



8-20-12 Quad Cities 231 (11)



8-20-12 Quad Cities 231 (2)



8-20-12 Quad Cities 231 (12)



8-20-12 Quad Cities 231 (3)

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 4 of 5

Status: Y N U

Area Walk-By Checklist (AWC)

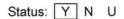
Location (Bldg, Elev, Room/Area): AWC-U1-21



8-20-12 Quad Cities 231 (4)

8-20-12 Quad Cities 231 (5)

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 5 of 5



Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-21





8-20-12 Quad Cities 231 (7)

8-20-12 Quad Cities 231 (6)



8-20-12 Quad Cities 231 (8)



8-20-12 Quad Cities 231 (9)

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 1 of 6

Status:	Y	Ν	U
			-

Area Walk-By Checklist (AWC)

Lo	cation (Bldg, Elev, Room/Area): AWC-U1-22	
Instru	ctions for Completing Checklist	
space	necklist may be used to document the results of the Area Walk-By near one or more SWEL below each of the following questions may be used to record the results of judgments and anal space is provided at the end of this checklist for documenting other comments.	
1.	Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?	Yes
2.	degraded conditions? 1-1001-160A PI support corroded on side. Judged to be acceptable for small	Yes
	gauge load.	
3.	Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)? Bare pipe in contact with insulated pipe at several locations. Judged to be	Yes
	acceptable.	
4.	Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? Overhead light fixtures judged to be acceptable.	Yes
5.	Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? <i>Sump in room. Threaded fire pipe well-supported, all other pipes welded.</i>	Yes
6.	Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Yes
7.	Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? <i>Humidifier acceptable; no soft targets.</i>	Yes
	Teletower scaffold with outriggers in place will not overturn. Located near robust targets. Judged to be acceptable. See IR 1405922.	

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Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 2 of 6

			Status: YNU
Area Walk-By Ch	ecklist (AWC)		
Location (Bldg	, Elev, Room/Area): AWC-U1-22	8 ⁴	
8. Have you	looked for and found no other seisn affect the safety functions of the eq	nic conditions that could	Yes
adversely	anect the salety functions of the eq	upment in the area?	
Comments Seismic Walkdown	n Team: D. Carter & J. Griffith - 8/22	2/2012	
Evaluated by:	Sadullat David Carter	Date:	10/4/2012
	Jul David Carter		10/4/2012
r 1997 - Tuli Luik Politicultur, allan Juny		n 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917	
Photos			
8-21-12 Quad Citi	AHR SW VALLS A J-30 B (J-504) (100 - 100 -	B-21-12 Quad Cities 056	

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 3 of 6

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-22



8-21-12 Quad Cities 057

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 4 of 6

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-22



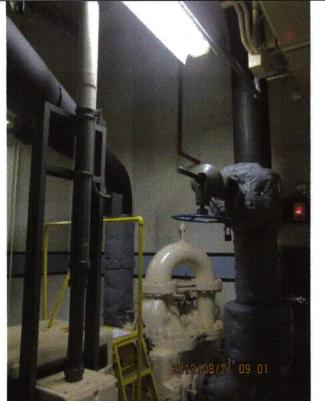
8-21-12 Quad Cities 059

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 5 of 6

Status: Y N U

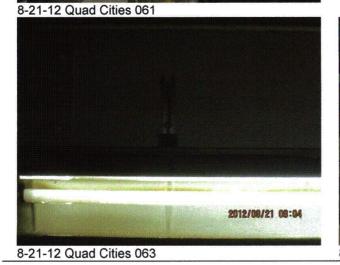
Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-22





8-21-12 Quad Cities 062





Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 6 of 6

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-22



8-21-12 Quad Cities 067

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 1 of 10

Status: Y N U

Area Walk-By Checklist (AWC)

Lo	cation (Bldg, Elev, Room/Area): AWC-U1-23	
Instrue	ctions for Completing Checklist	
space	necklist may be used to document the results of the Area Walk-By near one or more SWEL iter below each of the following questions may be used to record the results of judgments and find onal space is provided at the end of this checklist for documenting other comments.	
1.	Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?	Yes
2.	Does anchorage of equipment in the area appear to be free of significant degraded conditions?	Yes
3.	Based on a visual inspection from the floor, do the cable/conduit raceways and	Yes
-	HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?	
4.	Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? Overhead light fixtures judged to be acceptable.	Yes
5.	Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? Fire piping, room heater, and associated piping well-supported judged to be	Yes
	acceptable.	
6.	Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Yes
7.	Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? Scaffold behind MCC 18-3 is restrained against tipping (braces to ceiling) and against movement (brace to wall and contact with robust auxiliary steel). Judged to be acceptable.	Yes

		Qu	Correspondence I	0-R-001 Rev. 3
Area Walk-By Ch	ecklist (AWC)		Status	s: YN U
8. Have you	, Elev, Room/Area): AWC-U1-23 looked for and found no other seismi affect the safety functions of the equ			Yes
				- - - - - - - - - - - - - - - - - - -
Comments Seismic Walkdowr	n Team: D. Carter & J. Griffith on 8/2	2/12		- -
Evaluated by:	Sallet David Carter		Date: _10/4/2012	2
	James Griffith		_10/4/2012	2 <u>-</u>
Photos Photos	a creating oppose to be the of potentially without necessarily opening cabiness? The area appear to be the of agrinosm 2012/08/22 14:49	8-22-12 Quad Cities 183		

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 3 of 10

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-23



Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 4 of 10

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-23



8-22-12 Quad Cities 186

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 5 of 10

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-23





8-22-12 Quad Cities 189



8-22-12 Quad Cities 190



8-22-12 Quad Cities 191

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 6 of 10

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-23



8-22-12 Quad Cities 192



Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 7 of 10

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-23





8-22-12 Quad Cities 195

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 8 of 10

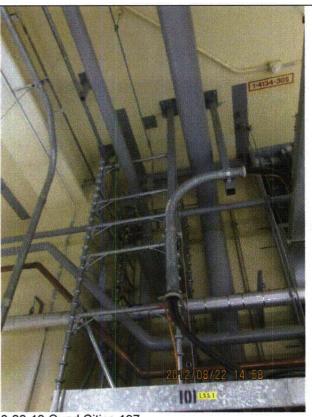
Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-23



8-22-12 Quad Cities 196



8-22-12 Quad Cities 197

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 9 of 10

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-23



8-22-12 Quad Cities 198



Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 10 of 10

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-23



Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 1 of 7

Status: Y N U

Area Walk-By Checklist (AWC)

Lo	cation (Bldg, Elev, Room/Area): AWC-U1-24	
Instru	ctions for Completing Checklist	
space	hecklist may be used to document the results of the Area Walk-By near one or more SWE below each of the following questions may be used to record the results of judgments and onal space is provided at the end of this checklist for documenting other comments.	
1.	Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)? <i>Pipe support at 1-2301-42 base plate has minor edge gap. Judged to be acceptable.</i>	Yes
2.	Does anchorage of equipment in the area appear to be free of significant degraded conditions? 1-2304-3 switch box missing 1 of 4 anchors. Unistruts and anchors with minor corrosion. Judged to be acceptable.	Yes
3.	Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)? <i>Minor bends in hanger rods judged to be acceptable. Several contacts between flexible items judged to be acceptable.</i>	Yes
4.	Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? Overhead light fixtures with slightly-open S-hooks not open enough for fixture to fall from hook. Judged to be acceptable.	Yes
5.	Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? Threaded fire piping, room heaters, and associated piping well-supported and judged to be acceptable.	Yes
6.	Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? <i>Covered oil waste can is judged to be acceptable.</i>	Yes
7.	Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? Ladder chained to rugged pipe at pipe support judged to be acceptable.	Yes
	Two scaffolds in room are well-restrained.	

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 2 of 7

Area Walk-By Che	ecklist (AWC)		Status: Y N U
	, Elev, Room/Area): AWC-U1-24	that any lat	Vee
	ooked for and found no other seismic conditions affect the safety functions of the equipment in the		Yes
Floor grai	ting/gallery supports unanchored at some location	ns. Walls and edge	
	train gallery/gallery laterally. Judged to be accept		
		in a da a da a	
	ear Valve 1-2301-6-MO missing support attachme		
	concern. Valve 1-2301-3-MO missing 1 of 4 supp on of basement is low and support is rigidly moun		
	e. See IR 1404153.	ieu. Judgeu io be	
Comments			
	Team: D. Carter & J. Griffith - 8/23/2012		
Seismic warkdown	Tream. D. Carter & J. Gillin - 6/25/2012		
Evaluated by:	Saddlat David Carter	Data: 1	0/12/2012
Evaluated by:	David Carter	Date: _1	0/12/2012
	Ima D ANTA		0/40/0040
	James Griffith	terre and the second	0/12/2012
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Photos			
	2012/09/29 09:01		2012/08/23 08:01

Quad Cities 047

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 3 of 7

Status: Y N U

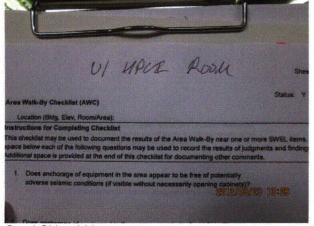
Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-24



Quad Cities 049





Quad Cities 098



Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 4 of 7

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-24



Quad Cities 100



Quad Cities 102



Quad Cities 104



Quad Cities 101





Quad Cities 105

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 5 of 7

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-24



Quad Cities 106



Quad Cities 108



Quad Cities 107



Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 6 of 7

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-24



Quad Cities 112

Quad Cities Generating Station Unit 1 12Q0108.40-R-001 Rev. 3 Correspondence No.: RS-12-169 Sheet 7 of 7

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U1-24



Quad Cities 114



Quad Cities 116

