APPENDIX C: AREA WALK-BY CHECKLISTS (AWCs)



Area Walk-B	y Checklist (AWC)				Status:	$ \mathfrak{V} $	N	U
Area	1AB-1a	Floor El.	574	Bldg.	AX		_	
This checklist space below ea	for Completing Chemay be used to docuate of the following ace is provided at the	ment the results questions may be	used to record t	the results of judg	ments and fine		·	
					Y	N	U	N/A
	rage of equipment in adverse seismic cond binets)?	• •		ily	X			
					Y	N	U	N/A
2. Does anchor degraded co	rage of equipment in onditions?	the area appear	to be free of sign	ificant	X		1	
2 Rosed on a	vigual inequation from	m the floor do th	a aabla/aanduit		Y	N	U	N/A
raceways and seismic conditions of	visual inspection from d HVAC ducting appulitions (e.g., condition f cable trays appear to the area was identified to	pear to be free of n of supports is a to be inside accep	potentially adve dequate and fill stable limits)?	rse			<u> </u>	
					Y	N	U	N/A
	ear that the area is fro with other equipmer				X			
	with outer equipmen	n in the theta (e.g	,, cening thes un	u				

Related equipment on SWEL for this area: 1E21C0001

1E21C0001 1E21F0001 1M39B0006



Area Walk-By Ch	ecklist (AWC)				Status:	\bigcirc	N	U
Area	1AB-1a	Floor El.	574	Bldg.	AX		_	
Interaction Effects	s				Y	N	U	N/A
5. Does it appear the interactions that No concerns identify	could cause floo	ding or spray in			X			1777
6. Does it appear th interactions that on No concerns identify	could cause a fire	e in the area?	adverse seismic		Y	N	U	N/A
	ociated with house emporary install	sekeeping practic ations (e.g., scaf	ces, storage of por folding, lead shiel	ding)?	Y	N	U	N/A
8. Have you looked adversely affect			conditions that comment in the area?	ıld	Y	N	U	
Comments (Additi	ional pages may	be added as nece	essary)					
Evaluated by:	Eddie M. Gue	rra All		Date:	8/26/2	2012	-	
	Brian A. Luca	irelli		Date:	8/26/2	2012	_	



Status:

(Y)

N

U

Area Walk-By Checklist (AWC)

Area

1AB-1a

Floor El.

574

Bldg.

AX

Other supporting or relevant documents and photos (if any):



File Name: 1-59-4-1-18.jpeg Description: General view



File Name: 1-60-4-1-18.jpeg Description: General view



Area Walk-By	Checklist (AWC)					Status:	\bigcirc	N	U
Area	1AB-1c	Floor El.	574	Blo	lg.	AX			
This checklist m space below eac	r Completing Checany be used to docur the following of the following of the is provided at the	ment the results questions may be	used to record	the results of	judgn	nents and fin		- ;	
						Y	N	U	N/A
	ge of equipment in verse seismic cond nets)?			rily		X			
						Y	N	U_	N/A
degraded con	ge of equipment in ditions? rrosion of skids jud			nificant		X			
raceways and seismic conditions of	Isual inspection from HVAC ducting appetions (e.g., condition cable trays appear the area were idention	pear to be free of n of supports is a to be inside accep	potentially advoodequate and fill otable limits)?	erse		Y	N	U	N/A
	or that the area is frowith other equipmen	•		_		Y X	N	U	N/A

Related equipment on SWEL for this area: 1E51B0002

1E51F0045

Area Walk-By Ch	ecklist (AWC)				Status:	(N	U
Area	1AB-1c	Floor El.	574	Bldg.	_AX		_	
Interaction Effects	3				Y	N	U	N/A
5. Does it appear th interactions that of No concerns identify	could cause floo	ding or spray in			X	 		
6. Does it appear th interactions that c	ould cause a fire	e in the area?	adverse seismic		Y	N	U	N/A
	ociated with house emporary install in the area but lo	sekeeping praction ations (e.g., scate ocated far away)	ces, storage of por folding, lead shie	lding)?	Y	N	U	N/A
8. Have you looked adversely affect			conditions that co	uld	Y	N	U	l
Comments (Additi	onal pages may	be added as neco	essary)					
	dillo	Mhate						
Evaluated by:	Eddie M. Gue	rra		Date:	8/26/2	2012	-	
	Brian A. Luca	relli		Date:	8/26/2	2012	-	



Status:

N

N

Area Walk-By Checklist (AWC)

Area 1AB-1c

Floor El.

574

Bldg.

AX

Other supporting or relevant documents and photos (if any):



File Name: 1-59-2-1-18.jpeg Description: General view



File Name: 1-60-2-1-18.jpeg

Description: View of toolbox in the area



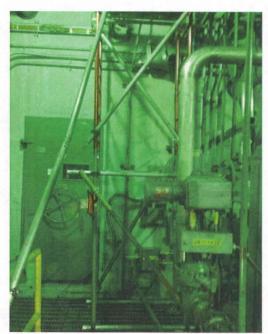
Status: (Y) U

Area Walk-By Checklist (AWC)

Area 1AB-1c Floor El. 574 Bldg. AX



File Name: 1-65-2-1-18.jpeg
Description: View of mild surface corrosion on anchorage



File Name: 1-66-2-1-18.jpeg
Description: View of scaffolding in the area



1E12F0029B 1M39B0001B

Aros Walls Du	Charlist (AWC)				Status:	\bigcirc	N	U
Area waik-by	Checklist (AWC)							
Area	<u>1AB-1e</u>	Floor El.	574	Bldg.	AX		_	
This checklist r space below ea	or Completing Chec may be used to docu ch of the following on the is provided at the	ment the results questions may b	e used to record t	he results of judg	ments and fin		,	
					Y	N	U	N/A
1. Does anchora	age of equipment in	the area appear	to be free of		X			
potentially ac opening cabi	dverse seismic cond inets)?	itions (if visible	without necessari	ily				
					Y	N	U	N/A
2. Does anchor	age of equipment in	the area appear	to be free of sign	ificant	X			
degraded cor	nditions?							
					Y	N	U	N/A
	isual inspection from				X			
seismic condi	l HVAC ducting app itions (e.g., conditio cable trays appear t	n of supports is	adequate and fill	rse				
					Y	N_	U	N/A
	ar that the area is fro with other equipmer			-	X			
Related equipm 1E12C0002B 1E12F0003B 1E12F0004B	nent on SWEL for th	nis area:						



					Status:	\bigcirc	N	U
Area Walk-By Ch	ecklist (AWC)							
Area	1AB-1e	Floor El.	574	Bldg.	AX	*	_	
Interaction Effects	s							27/4
5 Doos it announth	est the area is from	o of motomtically a			X	N	U	N/A
5. Does it appear th interactions that No concerns identify	could cause floor	ding or spray in					l	
					Y	N	U	N/A
6. Does it appear th	at the area is free	e of potentially a	ndverse seismic		X			
interactions that of Potential Fire Sour Operating Grease.	ces in the Area:	RHR B Lubricat	O	R B Valve				
					Y	N	U	N/A
7. Does it appear the interactions associated equipment, and the Scaffold found proproprimpact components	ociated with hous emporary installa perly restrained.	ekeeping practions (e.g., scaf	ces, storage of po folding, lead shi	elding)?	X			
8. Have you looked adversely affect	I for and found notine safety function				Y	N	U	
Comments (Additi	onal pages may l	be added as nece	essary)					
	ditti	Mhrift						
Evaluated by:	Eddie M. Guer	ra		Date:	8/26/2	012	-	
	(Fu)	HU.						
	Brian A. Luca	relli		Date:	8/26/2	012	-	



Area Walk-By Checklist (AWC)

Area 1AB-1e Floor El. 574 Bldg. AX

Other supporting or relevant documents and photos (if any):



File Name: 1-59-1-1-19.jpeg
Description: General View of Room



File Name: 1-60-1-1-19.jpeg

Description: View of unrestrained ladders not likely to impact components



X			
		_	
SWEL it			
Y	N	U	N/A
X			
Y	N	$^{\prime}$ U	N/A
X			
Y	N	U	N/A
X			
Y	N	U	N/A
X			
	X Y	X Y N	X Y N U

Related equipment on SWEL for this area:

1E12B0001B

1E12B0001D

1E12F0048B

					Status:	\bigcirc	N	U
Area Walk-By C	hecklist (AWC)							
Area	1AB-1e	Floor El.	599	Bldg.	AX			
Interaction Effec	ets						_	
·					$\frac{Y}{X}$	N	U	N/A
5. Does it appear to	that the area is fre t could cause floo			;	X		<u> </u>	i
No concerns ident			the area:					
					Y	N	U	N/A
6. Does it appear	that the area is fre	ee of potentially	adverse seismic	;	X			
	could cause a fir				- -			
No concerns iden	tified regarding f	ire sources.						
					Y	N	U	N/A
7. Does it appear					X			
	sociated with hou							
	temporary instal		_	ned. Lead shielding				
judged to be adeq	•		angers resultan					
					**	N .T	·	
8. Have you looke	ad for and found i	o other seismic	conditions that	could	$\begin{array}{c c} Y \\ \hline X \end{array}$	N	U	1
•	ct the safety funct							J
Comments (Addi	itional pages may	be added as nec	essary)					
	dille	Me Me Si	;					
Evaluated by:	Eddie M. Gue	erra		Date:	8/26/2	012	_	
	(Su	HÜ						
	Brian A. Luca	arelli		Date:	8/26/2	012	_	

U



N

Area Walk-By Checklist (AWC)

Area 1AB-1e

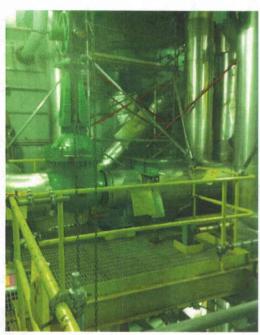
Floor El.

599

Bldg.

AX

Other supporting or relevant documents and photos (if any):



File Name: 1-59-2-1-20.jpeg Description: General view



Area Walk-l	By Checklist (AWC)				Status:	\bigcirc	N	U
Area	1AB-1f	Floor El.	574	Bldg.	AX		_	
This checklis space below	for Completing Che t may be used to docu each of the following pace is provided at the	ment the results questions may be	e used to record th	ne results of judg	ments and find		,	
	 "				Y	N	U	N/A
	orage of equipment in adverse seismic conc abinets)?			ly	X			
					Y	N	U	N/A
2. Does anch degraded of	orage of equipment in conditions?	the area appear	to be free of signi	ficant	X	-		<u> </u>
					Y	N	U	N/A
raceways a seismic corconditions	a visual inspection fro nd HVAC ducting ap- nditions (e.g., condition of cable trays appear and piping in the area	pear to be free of on of supports is a to be inside accep	potentially adver adequate and fill ptable limits)?		X			
					Y	N	U	N/A
	pear that the area is fr s with other equipme				X			
Related equip	pment on SWEL for the	his area:						

1E22C0001

1E22F0010

1E22F0024

1M39B0003

Amaa Walle Dee Cha	oblict (AWC)					Status:	\bigcirc	N	U
Area Walk-By Che	1AB-1f	Floor El.	574	Bldg	g. AZ	X			
								-	
Interaction Effects						**	N	* 1	27/4
5. Does it appear tha	at the area is fre	e of potentially	adverse seismi	c		$\frac{Y}{X}$	N	U	N/A
interactions that c	ould cause floo	ding or spray in							
						Y	Ň	U	N/A
6. Does it appear tha		•	adverse seismi	c		X			
interactions that co Potential Fire Source Grease. No concern	es in the Area:	HPCS Lubricat		PCS Valve Oper	ator				
						Y	N_	U_	N/A
7. Does it appear that interactions associated equipment, and to Ladders in area are Scaffolding in the ar	ciated with housemporary install either tied off of	sekeeping practi lations (e.g., sca or do not have ca	ices, storage of ffolding, lead s	portable shielding)?		X			
w c		•				Y	N	U	
8. Have you looked adversely affect						X]
Comments (Addition	onal pages may	be added as nec	essary)						
	dell	* MhraIi	ž ·						
Evaluated by:	Eddie M. Gue	erra		Date	e:	8/26/2	2012	_	
	Én	ALU							
	Brian A. Luca	nrelli		Date	e:	8/26/2	2012	_	



Area Walk-By Checklist (AWC)

Area 1AB-1f Floor El. 574 Bldg. AX

Other supporting or relevant documents and photos (if any):



File Name: 1-59-5-1-18.jpeg Description: General view



File Name: 1-60-5-1-18.jpeg
Description: View of ladder in the area



Area Walk-By Checklist (AWC)

Area 1AB-1f Floor El. 574 Bldg. AX



File Name: 1-65-5-1-18.jpeg
Description: View of piping in the area



File Name: 1-66-5-1-18.jpeg Description: General view



Area Walk-B	y Checklist (AWC)				9	Status:	Ý	N	U
Area	1AB-1f	Floor El.	620	Bldg.	AX				
This checklist space below es	for Completing Chec may be used to docu ach of the following ace is provided at the	ment the results questions may be	e used to record	the results of ju	dgments			2	
						Y	N	U	N/A
	rage of equipment in adverse seismic cond vinets)?			rily		X			
						Y	N	U	N/A
2. Does ancho degraded co	rage of equipment in onditions?	the area appear	to be free of sig	nificant		X		<u> </u>	
						Y	N	U	N/A
raceways an seismic cond conditions o	visual inspection from d HVAC ducting app ditions (e.g., condition f cable trays appear the and piping in the area	pear to be free of on of supports is a to be inside accep	potentially advadequate and fileptable limits)?	erse I		X		I	
						Y	N	U	N/A_
	ear that the area is from with other equipment			-		X		1	1

Related equipment on SWEL for this area: 1E22F0004



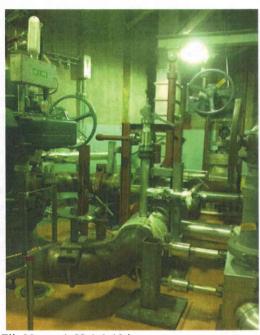
Area Walk-By C	Checklist (AWC)				Status:	$ar{\mathbf{v}}$	N	U
Area	1AB-1f	Floor El.	620	Bldg.	AX			
Interaction Effec	ets				V	N	-	NI/A
5. Does it appear interactions tha No concerns iden	t could cause floo	ding or spray in			Y	N	U	N/A
6. Does it appear interactions that No concerns iden	t could cause a fire	in the area?	adverse seismic		Y	N	U	N/A
equipment, and	sociated with hous I temporary install	sekeeping practi ations (e.g., sca	adverse seismic ces, storage of por ffolding, lead shiel entified in the area	ding)?	Y	N	U	N/A
			conditions that cou	ıld	Y X	N	U	
Comments (Addi	tional pages may	be added as nec	essary)					
	dillo	MhraIt						
Evaluated by:	Eddie M. Gue	rra		Date:	8/26/2	012	_	
	En)	HU.						
	Brian A. Luca	relli		Date:	8/26/2	012	_	



Area Walk-By Checklist (AWC)

Area 1AB-1f Floor El. 620 Bldg. AX

Other supporting or relevant documents and photos (if any):



File Name: 1-59-1-1-10.jpeg Description: General view



1G43N0060B

					Status:	\bigcirc	N	U
Area Walk-B	y Checklist (AWC)							
Area	1AB-1g	Floor El.	574	Bldg.	AX			
This checklist space below ear	for Completing Che may be used to docu ach of the following ace is provided at the	ment the results questions may be	e used to record t	he results of judg	ments and find		- -	
					Y	N	U	N/A
	rage of equipment in adverse seismic cond pinets)?			ily	X			
Anchorage of	components in a higi a distance of ~10 ft a							
					Y	N	U	N/A
2. Does ancho degraded co	orage of equipment in onditions?	the area appear	to be free of sign	ificant	X			
					Y	N	U	N/A
	visual inspection from				X			
seismic cond conditions o	d HVAC ducting app ditions (e.g., condition of cable trays appear to and piping in the area	n of supports is a to be inside accep	adequate and fill ptable limits)?					
					Y	N	U	N/A
	ear that the area is from				X		1	1
Related equipmed 1E21N0050	ment on SWEL for th	nis area:						
1E22N0005								
1E51N0055A								



					Status:	\bigcirc	N	U
Area Walk-By C	hecklist (AWC)							
Area	1AB-1g	Floor El.	574	Bldg.	AX		_	
Interaction Effec	ts		-		Y	N	- U	N/A
5. Does it appear to interactions that No concerns identifications.	t could cause floo	oding or spray in			X			
6. Does it appear t interactions that No concerns identifications	could cause a fir	e in the area?	adverse seismic		Y	N	U	N/A
	sociated with hou temporary instal ing machine adeq	sekeeping practi lations (e.g., scar nuately restrained	ces, storage of poffolding, lead shi	elding)?	Y	N	U	N/A
8. Have you looke adversely affect	ed for and found the safety func				Y	N	U]
	s is judged to be	OK as the sump p		ng the potential for ategory I and the l				
Comments (Addi	tional pages may	be added as nec	essary)					
	du	Je UShra IX						
Evaluated by:	Eddie M. Gu	erra		Date:	8/26/2	2012	_	
	En.	ALU						
	Brian A. Luc	arelli		Date:	8/26/2	2012	_	



Area Walk-By Checklist (AWC)

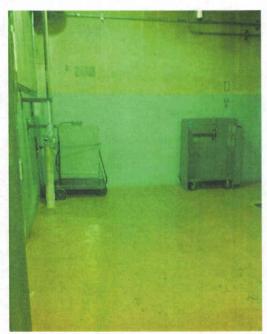
Area <u>1AB-1g</u> Floor El. <u>574</u> Bldg. <u>AX</u>

Other supporting or relevant documents and photos (if any):



File Name: 1-59-3-1-18.jpeg

Description: General view north hallway



File Name: 1-65-3-1-18.jpeg

Description: View of temporary equipment restrained



Area Walk-By Checklist (AWC)

Area <u>1AB-1g</u> Floor El. <u>574</u> Bldg. <u>AX</u>



File Name: 1-66-3-1-18.jpeg

Description: General view west hallway



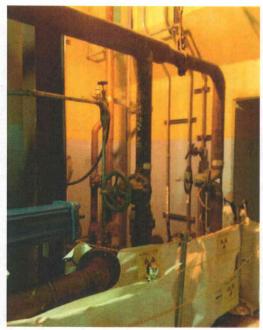
File Name: 1-67-3-1-18.jpeg

Description: Inaccessible high radiation contaminated area where anchorage was checked from $\sim \! 10 \; \mathrm{ft}$



Area Walk-By Checklist (AWC)

Area 1AB-1g Floor El. 574 Bldg. AX



File Name: 1-68-3-1-18.jpeg

Description: Rod Hung Sump Pump Piping



	Status:	Y	Ø	U
Area Walk-By Checklist (AWC)				
Area 1AB-2 West Floor El. 599 Bldg	g. AX		_	
Instructions for Completing Checklist This checklist may be used to document the results of the Area Walk-By near one space below each of the following questions may be used to record the results of ju Additional space is provided at the end of this checklist for documenting other con	udgments and fin		·	
	Y	N	U	N/A
1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?	X			
TB Chillers 1P46-B001A and 1P46-B001B are very large double stack chillers an $3/4$ " anchor bolts on a \sim 16" wide x \sim 6" high pedestal. These chillers are not categorate may not be adequate for seismic loading. Judged acceptable because the chillers have supply and would not impact or flood any CAT-1 components if they should fail.	gory I and ancho	rage		
	Y	N	U	N/A
2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?	X			
Anchorage for TB chillers identified with significant corrosion. This is judged to be as described in comments for Question 1.	oe acceptable,			
	Y	N	U	N/A
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)?	X			
Cable trays in the area were identified to be rigidly supported.				
Cable trays in the area were identified to be rigidly supported.	Y	N	U	N/A

Related equipment on SWEL for this area: 1H51P0037



Area Walk-By C	Checklist (AWC)				Status:	Y	N	U
Area	1AB-2 West	Floor El.	599	Bldg.	AX			
Interaction Effec	cts				Y	N	- U	N/A
	that the area is free				X		L	14/11
Fire protection p	iping is a combinat estems. No concerns	ion of welded a	nd victaulic type	_				
					Y	N	U_	N/A
	that the area is free t could cause a fire	•	adverse seismic		X			
Potential Fire So	urces in the Area: The area of	TBCC Lubricat	ing Oil and Hydr	aulic Fluid. No				
					Y	N	U	N/A
interactions as	that the area is free sociated with house d temporary installa	ekeeping practi	ces, storage of po			X		
	area is adjacent to (le into panel. CR 20				nt or pieces			
					Y	N	U	_
	ed for and found no				X			
adversely affe	et the safety function	ons of the equip	ment in the area	<i>?</i>				
Comments (Add	itional pages may b	e added as nec	essary)					
	Addit	Mhrati	7					
Evaluated by:	Eddie M. Guer	ra		Date:	8/26/2	012	_	
	Ém	HÜ.						
	Brian A. Lucar	elli		Date:	8/26/2	012	_	



Status: Y 🕲 U

Area Walk-By Checklist (AWC)

Area 1AB-2 West Floor El. 599 Bldg. AX

Other supporting or relevant documents and photos (if any):



File Name: 1-59-3-1-20.jpeg
Description: View of scaffold staging area



File Name: 1-66-3-1-20.jpeg

Description: View of scaffold staging area



Status: Y 🕲 U

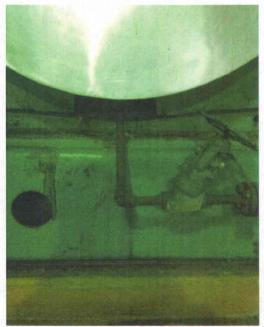
Area Walk-By Checklist (AWC)

Area 1AB-2 West Floor El. 599 Bldg. AX



File Name: 1-67-3-1-20.jpeg

Description: View of 1P46B001A water chiller in the area



File Name: 1-70-3-1-20.jpeg

Description: View of corroded pipe in 1P46B001A



Status: Y 🕲 U

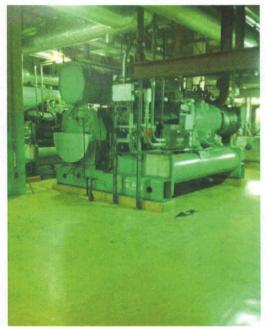
Area Walk-By Checklist (AWC)

Area 1AB-2 West Floor El. 599 Bldg. AX



File Name: 1-71-3-1-20.jpeg

Description: View of corroded bolt located north east end of 1P46B001B



File Name: 1-77-3-1-20.jpeg
Description: General view of chillers



items. Th	—	
	ie	
indings.	_	
N	U	N/A
<u> </u>		
N	U	N/A
<u> </u>		
N	U	N/A
N	U	N/A
	N	N U

Related equipment on SWEL for this area: 1H51P0975



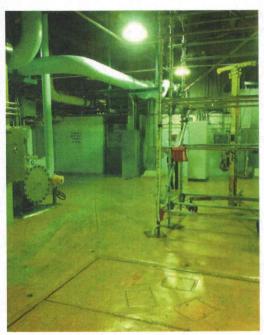
					Status:	\bigcirc	N	U
Area Walk-By Ch	necklist (AWC)							
Area	1AB-2 East	Floor El.	599	Bldg.	AX			
Interaction Effect	es				V	NI	.	NI/A
5. Does it appear th	nat the area is free could cause flood				X	N	U	N/A
Fire protection pip sources.		•		garding flood				
6. Does it appear tl	nat the area is free	of notentially	ndverse seismic		Y	N	U	N/A
	could cause a fire	in the area?	averse seismie					
					Y	N	U	N/A
	nat the area is free ociated with house temporary installa	ekeeping praction	ces, storage of po		X			
Temporary scaffold	ding found to be w	ell braced.						
8. Have you looked adversely affect	d for and found no				Y	N	U	
Comments (Addit	ional pages may b	e added as nece	essary)					
	dillo	MhaeIt						
Evaluated by:	Eddie M. Guerr	ra		Date:	8/26/2	012	-	
	En	HU						
	Brian A. Lucar	elli		Date:	8/26/2	012	-	



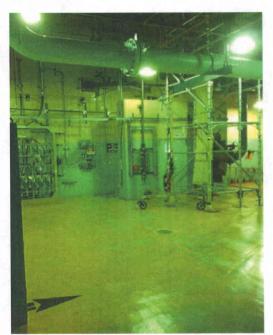
Area Walk-By Checklist (AWC)

Area 1AB-2 East Floor El. 599 Bldg. AX

Other supporting or relevant documents and photos (if any):



File Name: 1-72-3-1-20.jpeg Description: General view



File Name: 1-74-3-1-20.jpeg Description: General view



Status:

Y

N

U

Area Walk-By Checklist (AWC)

Area 1AB-2 East Floor El. 599 Bldg. AX



File Name: 1-76-3-1-20.jpeg

Description: View of overhead piping restraints



Area Walk-Rv	Checklist (AWC)				Status:	Ø	N	U
Area	1AB-3a	Floor El.	620	Bldg.	AX			
This checklist n space below eac	or Completing Che may be used to docu ch of the following the is provided at the	ment the results questions may be	used to record t	he results of judg	ments and fin		- ,	
					Y	N	- U	N/A
	age of equipment in dverse seismic cond nets)?			ily	X		·	
Does anchora degraded cor	age of equipment in nditions?	the area appear	to be free of sign	ificant	Y	N	U	N/A
raceways and seismic condi conditions of	isual inspection from HVAC ducting applitions (e.g., condition cable trays appear the area were identifications.	pear to be free of on of supports is a to be inside accep	potentially advendequate and fill otable limits)?	rse	Y	N	U	N/A
interactions v lighting)?	ar that the area is frowith other equipment are rod hung and the ged OK.	nt in the area (e.g	., ceiling tiles an	d	Y X	N	U	N/A

Related equipment on SWEL for this area: 1P57F0015B



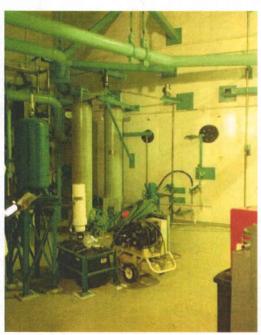
					Status:	\bigcirc	N	U
Area Walk-By C	hecklist (AWC)							
Area	1AB-3a	Floor El.	620	Bldg.	AX		_	
Interaction Effec	ts				Y	N	U	N/A
5. Does it appear t interactions that No concerns ident	t could cause floo	ding or spray in			X			
6. Does it appear t interactions that Oily trash drum is interaction. No co	could cause a fire not restrained, b	e in the area? ut the lid is tigh	t. Judged not to	create potential	Y X	N	U	N/A
	sociated with hou temporary install	sekeeping practi ations (e.g., sca	ces, storage of po ffolding, lead shi	elding)?	Y	N	U	N/A
8. Have you looke		o other seismic	conditions that c	ould	Y	N	U]
Comments (Addi		be added as nec	essary)					
Evaluated by:	Eddie M. Gue	erra ALU		Date:	8/26/2	2012	-	
	Brian A. Luca	ırelli	· · · · · ·	Date:	8/26/2	2012	_	



Area Walk-By Checklist (AWC)

Area 1AB-3a Floor El. 620 Bldg. AX

Other supporting or relevant documents and photos (if any):



File Name: 1-59-2-1-15.jpeg Description: General view



File Name: 1-60-2-1-15.jpeg
Description: View of HVAC support



1R24S0028 1R25S0018 1R25S0020

Area Walk-l	By Checklist (AWC)				Status:	Y	(A)	U
Area	1CC-3a	Floor El.	620	Bldg.	CC		_	
This checklis space below	for Completing Che at may be used to docu each of the following bace is provided at the	ment the results questions may b	e used to record t	he results of judg	ments and find		- -	
					Y	N	U	N/A
potentially opening ca Cabinet 1R24	orage of equipment in adverse seismic conc abinets)? 4-S0023 welded to shi and all referenced Desi	litions (if visible ims rather than to	without necessar	78 for ECP 02-	X			
	orage of equipment ir conditions?	the area appear	to be free of sign	ificant	Y	N	U	N/A
raceways a seismic corconditions	a visual inspection fro nd HVAC ducting ap- nditions (e.g., condition of cable trays appear and cable trays in the	pear to be free of on of supports is to be inside acce	f potentially adve adequate and fill ptable limits)?		Y X	N	U	N/A
					Y	N	U	N/A
	pear that the area is fr is with other equipment			_		X	<u> </u>	
generated to Most flourese observed, but Trolleys on to	ned tool storage locked document this situation cent lights have comp t it was judged to be u op of switchgears wer to the center of the swit	on, and the cabin ression fittings. Inlikely to impac e observed to be	net was subsequen A row of twist-in t any components unrestrained. The	ntly moved. style lights was s. hese trolleys were				
Related equip 1H51P0871 1R22S0006-1 1R23S0012	pment on SWEL for t	his area:						

Area Walk-By (Checklist (AWC)				Status:	Y	N	U
Area	1CC-3a	Floor El.	620	Bldg.	CC			
Interaction Effe	cts				Y	N	- U	N/A
5. Does it appear	that the area is fr	ee of potentially	adverse seismic		X	11		10/11
A fire protection	at could cause floo valve near compo ping throughout r	onents was observ	ed to be adequ	ately supported. fied regarding flood	i			
					Y	N	U	N/A
	that the area is front touch the could cause a fire		adverse seismic		X			
	n could cause a m ntified regarding f							
					Y	N	U	N/A
	that the area is fr				X			
equipment, and	ssociated with hou d temporary instal 1R24-S028 has w	llations (e.g., scat						
					Y	N	U	_
	ed for and found ect the safety func				X			
Comments (Add	litional pages may	be added as nec	essary)					
	du	to White	:					
Evaluated by:	Eddie M. Gu	erra		Date:	8/26/2	2012	_	
	En	HU						
	Brian A. Luc	arelli		Date:	8/26/2	2012	-	

Status:

Y

N

U

Area Walk-By Checklist (AWC)

Area

1CC-3a

Floor El.

620

Bldg.

CC

Other supporting or relevant documents and photos (if any):



File Name: 1-59-1-1-06.jpeg
Description: General view of room



File Name: 1-65-1-1-06.jpeg

Description: Fire protection valve well supported



Status: Y 🔊 U

Area Walk-By Checklist (AWC)

Area 1CC-3a Floor El. 620 Bldg. CC



File Name: 1-68-1-1-06.jpeg

Description: View of MCC EF1C07 anchorage (1R24-S0023)



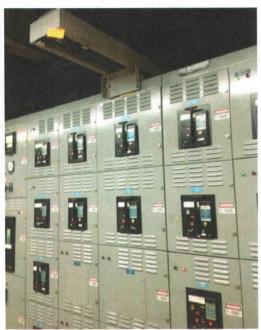
File Name: 1-69-1-1-06.jpeg

Description: Tool locker not restrained behind bus/breakers

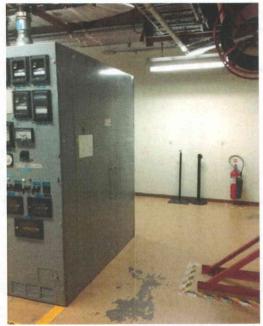
Status: Y 🕲 U

Area Walk-By Checklist (AWC)

Area <u>1CC-3a</u> Floor El. <u>620</u> Bldg. <u>CC</u>



File Name: 1-71-1-1-06.jpeg
Description: View of trolley on top of Cabinet



File Name: 1-72-1-1-06.jpeg

Description: View of area where tool locker was located



Status: Y 🕲 U

Area Walk-By Checklist (AWC)

Area <u>1CC-3a</u> Floor El. <u>620</u> Bldg. <u>CC</u>



File Name: 1-74-1-1-06.jpeg
Description: View of trolley on top of Cabinet



File Name: 1-75-1-1-06.jpeg

Description: View of single row of fluorescent lights



1R25S0022

Area Walk-E	By Checklist (AWC)				Status:	(Y)	N	U
Area	1CC-3b	Floor El.	620	Bldg.	CC			
This checklist space below 6	for Completing Che t may be used to docu each of the following ace is provided at the	ment the results questions may b	e used to record t	he results of judg	ments and find		- ;	
					Y	N	U	N/A
	orage of equipment in adverse seismic cond binets)?			ily	X		1	
Cabinet 1R24	I-S0029 welded to shi ad all referenced Desi							
					Y	N	U	N/A
2. Does ancho degraded co	orage of equipment in onditions?	the area appear	to be free of sign	ificant	X			
					Y	N	U	N/A
raceways ar seismic con	visual inspection fro and HVAC ducting appenditions (e.g., condition of cable trays appear	pear to be free of on of supports is	potentially adve adequate and fill	rse	X			
Cable trays in	n the area were identi	ified to be rigidly	supported.					
					Y	N	U	N/A
	pear that the area is from swith other equipment			-	X		<u> </u>	
	ights appear to have on.	compression fitti	ngs, thus judged	acceptable for				
0R42S0011	oment on SWEL for the	his area:						
1E22S0005								
1H51P0872 1R22S0009								

					Status:	\odot	N	U
Area Walk-By C	hecklist (AWC)							
Area	1CC-3b	Floor El.	620	Bldg.	CC			
Interaction Effec	ets						-	27/4
5. Does it appear	that the area is fu	a af matantially	advaraa saismi	•	Y	N	U	N/A
	t could cause floor			C				<u> </u>
No concerns iden								
					Y	N	U	N/A
6. Does it appear			adverse seismie	c	X			
interactions that No concerns ident	could cause a fir tified regarding f							
					Y	N	U	N/A
7. Does it appear	that the area is fro	ee of potentially	adverse seismi	c	X			
	sociated with hou temporary instal	lations (e.g., sca	ffolding, lead s	hielding)?			"	
concern.	menoreu ra jibar.	Stepstoot notes	in area, ear ju	agea not to be a				
					Y	N	U	
8. Have you look					X]
adversely affect	ct the safety funct	tions of the equip	oment in the are	ea?				
Comments (Addi	tional pages may	be added as nec	essary)					
	ditte	to Miller St	ž.					
Evaluated by:	Eddie M. Gu	erra		Date:	8/26/2	2012	_	
	Eu	ALU						
	Brian A. Luc	arelli		Date:	8/26/2	2012	_	



Area Walk-By Checklist (AWC)

Area <u>1CC-3b</u>

Floor El.

620

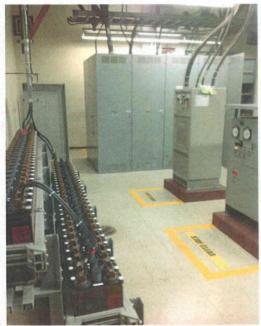
Bldg.

CC

Other supporting or relevant documents and photos (if any):



File Name: 1-59-2-1-06.jpeg Description: General view of room



File Name: 1-60-2-1-06.jpeg Description: General view of room





File Name: 1-65-2-1-06.jpeg
Description: View of 1R24-S0029 welded shims



Area Walk-l	By Checklist (AWC)				Status:	\bigcirc	N	U
Area	1CC-3c	Floor El.	620	Bldg.	CC			
This checklis space below	for Completing Che at may be used to docu each of the following pace is provided at the	ment the results questions may b	e used to record th	e results of judg	ments and fin		-	
					Y	N	U	N/A
	orage of equipment in adverse seismic conducts)?			İy	X	-	<u> </u>	
Cabinets 1R2 to embeds. S	24-S0021, 1R21-S0019 SQ-0178 for ECP 02-0 is consistent with lice	184 rev 0 and al			1			
					Y	N	U	N/A
	orage of equipment in conditions?	the area appear	to be free of signi	ficant	X			
					Y	N	U	N/A
raceways a seismic cor	a visual inspection from nd HVAC ducting approaching approaching the conditions (e.g., conditions) of cable trays appear to the conditions are conditions as the conditions are conditional conditions are conditional conditions.	pear to be free of n of supports is	potentially adversadequate and fill	se	X			
HVAC ducts	and cable trays in the	area were ident	ified to be rigidly	supported.				
4 Does it an	pear that the area is fro	e of notentially	adverse seismic s	natial	$\frac{Y}{X}$	N	U	N/A
	s with other equipmen		-				L	1
	lights appear to have on the lights appear to have of flourescent							

Fluorescent lights appear to have compression fittings, thus judged acceptable for seismic motion. A single row of flourescent lights was observed with twist-in fittings, but this row was judged not to have any credible impact targets as it was more than ~4' from components. Trolleys on top of switchgears were observed to be unrestrained. These trolleys were positioned in the center of the switchgear, consistent with IPEEE resolution of the issue.

Related equipment on SWEL for this area:

0R24S0020

1R22S0007

1R25S0014

1R25S0016

1R25S0025

1R25S0033



Area Walk-By C	hecklist (AWC)				Status:	Ø	N	U
Area	1CC-3c	Floor El.	620	Bldg.	CC			
Interaction Effec	ts				V	N	11	N/A
5. Does it appear t	that the area is fre	e of potentially	adverse seismic		Y	N	U	IN/A
interactions that Fire protection va adequately suppor identified regardin	rted. Fire protect	from regulating	g transformer judg					
					Y	N	U	N/A
6. Does it appear t	that the area is fre could cause a fire		adverse seismic		X			
No concerns ident								
					Y	N	U	N/A
	that the area is fre sociated with hou- temporary install	sekeeping practi	ces, storage of po		X			
8. Have you looke adversely affec	ed for and found not the safety functi				Y	N	U	
Comments (Addit	tional pages may	be added as nece	essary)					
	della	Mhrist						
Evaluated by:	Eddie M. Gue	rra		Date:	8/26/2	012	-	
	En)	HU.						
	Brian A. Luca	relli		Date:	8/26/20	012	-	



Status:

(Y)

N

U

Area Walk-By Checklist (AWC)

Area

1CC-3c

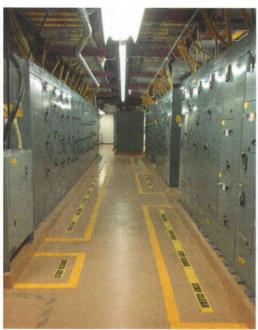
Floor El.

620

Bldg.

CC

Other supporting or relevant documents and photos (if any):



File Name: 1-59-3-1-06.jpeg Description: General view of room



File Name: 1-60-3-1-06.jpeg

Description: View of 1R24-S0021 welded to shims



Area Walk-By Checklist (AWC)

Area <u>1CC-3c</u> Floor El. <u>620</u> Bldg. <u>CC</u>



File Name: 1-65-3-1-06.jpeg
Description: View of supports for cable trays



File Name: 1-67-3-1-06.jpeg

Description: Fire protection valve near transformer judged to be adequately supported



Area Walk-By Checklist (AWC)

Area <u>1CC-3c</u> Floor El. <u>620</u> Bldg. <u>CC</u>



File Name: 1-69-3-1-06.jpeg

Description: Welded shims for 1R21-S0019



File Name: 1-70-3-1-06.jpeg

Description: Welded shims for 0R24-S0035



Area Walk-By Checklist (AWC)

Area <u>1CC-3c</u> Floor El. <u>620</u> Bldg. <u>CC</u>



File Name: 1-71-3-1-06.jpeg
Description: View of trolley on top of Cabinet



File Name: 1-72-3-1-06.jpeg

Description: View of single row of fluorescent lights



1G41F0145

Area Walk-I	By Checklist (AWC)				Status:	(N	U
Area	1CC-4b	Floor El.	620	Bldg.	IB			
This checklis space below of	for Completing Che at may be used to docu each of the following bace is provided at the	ment the results questions may be	e used to record t	he results of judg	gments and fine		-	
					Y	N	U	N/A
	orage of equipment in adverse seismic cond binets)?			ily	X			
					Y	N	Ü	N/A
2. Does ancho degraded c	orage of equipment in conditions?	the area appear	to be free of sign	ificant	X			
					Y	N	U	N/A
raceways and seismic conditions of	a visual inspection from and HVAC ducting apparentitions (e.g., condition of cable trays appear the dentified to be rigidly	pear to be free of n of supports is a to be inside accep	potentially adver adequate and fill	rse	X			
					Y	N	U	N/A
interaction lighting)?	pear that the area is from s with other equipment of a ting is adequately res	nt in the area (e.g		•	X			
Related equip	oment on SWEL for the	nis area:						



					Status:	\odot	N	U
Area Walk-By Cho	ecklist (AWC)							
Area	1CC-4b	Floor El.	620	Bldg.	<u>IB</u>			
Interaction Effects	}							
5 Doos it announth	at tha area is fra	o of motomtically	. d		Y	N	U	N/A
5. Does it appear th interactions that of							<u> </u>	
Fire protection pipi is judged to be OK of the area vulnerable	due to the low de	emand, small die	ameter pipe, and	l no equipment in				
					Y	N	U	N/A
6. Does it appear th	at the area is free	e of potentially a	adverse seismic		X			
interactions that c No concerns identif								
					Y	N	U	N/A
7. Does it appear th interactions asso equipment, and to An unrestrained tab	ciated with hous emporary installa	ekeeping practications (e.g., scaf	ces, storage of p folding, lead sh	ielding)?	X			
					Y	N	U	
8. Have you looked adversely affect					X			
Comments (Addition	onal pages may l	be added as nece	essary)					
	delta	ell throngs						
Evaluated by:	Eddie M. Guer	ra		Date:	8/26/2	2012	_	
	Ēu)	410						
	Brian A. Lucar	relli		Date:	8/26/2	2012	_	



Area Walk-By Checklist (AWC)

Area 1CC-4b

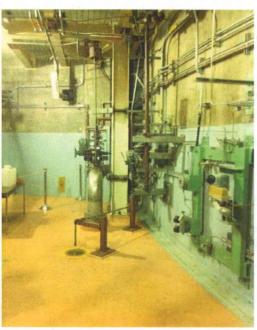
Floor El.

620

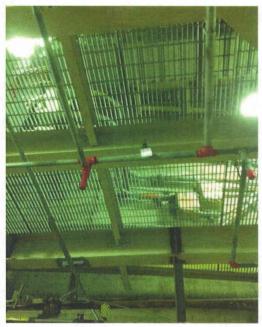
Bldg.

IB

Other supporting or relevant documents and photos (if any):



File Name: 1-59-2-1-16.jpeg Description: General view of room



File Name: 1-60-2-1-16.jpeg

Description: Friction clip on fire protection piping



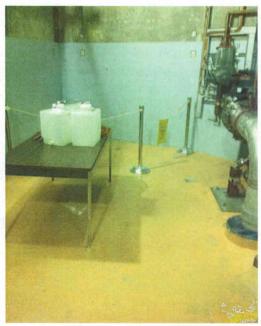
Area Walk-By Checklist (AWC)

Area <u>1CC-4b</u> Floor El. <u>620</u> Bldg. <u>IB</u>



File Name: 1-65-2-1-16.jpeg

Description: View of fire protection piping and overhead grating



File Name: 1-66-2-1-16.jpeg

Description: Potential impact from table judged not to be significant



Area Walk-I	By Checklist (AWC)				Status:	\bigcirc	N	U
Area	1CC-4c	Floor El.	638	Bldg.	CC			
This checklis space below of	for Completing Che t may be used to docu each of the following sace is provided at the	ment the results questions may be	e used to record the	results of judg	ments and find		- :	
		•			Y	N	U	N/A
	orage of equipment in adverse seismic cond binets)?				X	<u></u>		
2. Does ancho degraded c	orage of equipment ir conditions?	the area appear	to be free of signific	cant	Y	N	U	N/A
raceways an seismic con	n visual inspection fro nd HVAC ducting applications (e.g., conditions	pear to be free of on of supports is a	potentially adverse idequate and fill		Y	N	U	N/A
	of cable trays appear and HVAC in the area	-		ed.				
	pear that the area is fr s with other equipmen	-		tial	Y	N	U	N/A
seismic motio	ights are rod hung ar on. o of cabinet was posii	•			•			

Related equipment on SWEL for this area:

the issue and judged not to be a concern.

1R42S0008

1R42S0013

1R42S0014

1R42S0038



Area Walk-By Cl	hecklist (AWC)				Status:	Ŷ	N	U
Area	1CC-4c	Floor El.	638	Bldg.	CC			
Interaction Effec	ts				Y	N	- U	N/A
5. Does it appear t				:	X			
		oding or spray in CO2 piping. No co		ied regarding flood				
					Y	N	U	N/A
Does it appear t interactions that			dverse seismic	:	X			
No concerns ident								
					Y	N	U	N/A
	sociated with hou	ee of potentially a sekeeping practic lations (e.g., scaf	ces, storage of	portable	X			
8. Have you looke adversely affec		no other seismic o			Y	N	U	
Comments (Addit	tional pages may	be added as nece	essary)					
	dt	& Mhalt						
Evaluated by:	Eddie M. Gu	erra		Date:	8/26/2	2012	_	
	En	ALU						
	Brian A. Luc	arelli	· · · · · · · · · · · · · · · · · · ·	Date:	8/26/2	2012	-	



Area Walk-By Checklist (AWC)

Area <u>1CC-4c</u>

Floor El. 638

Bldg. CC

Other supporting or relevant documents and photos (if any):



File Name: 1-59-1-1-02.jpeg
Description: General view of room



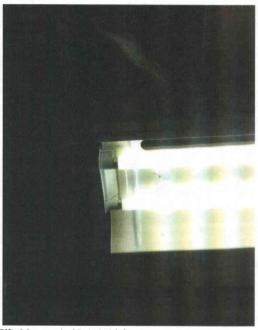
File Name: 1-60-1-1-02.jpeg

Description: Rigid support cable tray and HVAC



Area Walk-By Checklist (AWC)

Area <u>1CC-4c</u> Floor El. <u>638</u> Bldg. <u>CC</u>



File Name: 1-65-1-1-02.jpeg

Description: View of compression fitting on fluorescent light



File Name: 1-66-1-1-02.jpeg

Description: View of trolley on top of Cabinet



Area Walk-F	By Checklist (AWC)				Status:	②	N	U
Area	1CC-4g	Floor El.	638	Bldg.	CC			
This checklist space below 6	for Completing Che t may be used to docu each of the following ace is provided at the	ment the results questions may b	e used to record t	he results of judg	ments and fin		- :	
					Y	N	- U	N/A
	orage of equipment in				X			
potentially opening ca	adverse seismic cond binets)?	itions (if visible	without necessar	ily				
					Y	N	U	N/A
2. Does ancho degraded c	orage of equipment in onditions?	the area appear	to be free of sign	ificant	X			
a p					Y	N	U	N/A
raceways ar seismic con conditions of	visual inspection from and HVAC ducting app ditions (e.g., condition of cable trays appear the accession of the area with the area with	pear to be free of n of supports is o be inside acce	f potentially adve adequate and fill ptable limits)?		X			
					V	NI	T T	NI/A
	pear that the area is from			•	X	N	U	N/A
	ights have compressio	on fittings, thus j	udged acceptable	e for seismic moti	on.			

Related equipment on SWEL for this area:

component, consistent with the IPEEE resolution of the issue.

The trolley on top of component is not locked in place, but is stored at the center of the

1R42S0012

1R42S0024



Area Walk-By Cl	hecklist (AWC)				Status:	Ŷ	N	U
Area	1CC-4g	Floor El.	638	Bldg.	CC			
Interaction Effec	ts				Y	N	U	N/A
5. Does it appear t interactions that Fire protection is	t could cause floo	ding or spray in	the area?	d sources.	X			
6. Does it appear t interactions that No concerns ident	could cause a fire	e in the area?	adverse seismic		Y	N	U	N/A
	sociated with hou	sekeeping practi	adverse seismic ices, storage of po ffolding, lead shic		Y	N_	U	N/A
•	et the safety funct	ions of the equip	oment in the area?		Y	N	U	
Comments (Addi	tional pages may	be added as nec	essary)					
Evaluated by:	Eddie M. Gue	erra ALU		Date:	8/26/2	2012	-	
	Brian A. Luca	nrelli		Date:	8/26/2	2012	_	



Area Walk-By Checklist (AWC)

Area <u>1CC-4g</u> Floor El. <u>638</u> Bldg. <u>CC</u>

Other supporting or relevant documents and photos (if any):



File Name: 1-59-3-1-02.jpeg
Description: General view of room



File Name: 1-60-3-1-02.jpeg

Description: View of trolley on top of Cabinet



Related equipment on SWEL for this area:

1R42S0002

Area Walk-B	By Checklist (AWC)				Status:	\odot	N	U
Area	1CC-4h	Floor El.	638	Bldg.	CC			
Instructions for Completing Checklist This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. 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.								
					Y	N	U	N/A
	orage of equipment in	• •			X			
potentially opening ca	adverse seismic cond binets)?	litions (if visible	without necessar	rily				
					Y	N	U "	N/A
2. Does ancho	orage of equipment in	the area appear	to be free of sigr	nificant	X			
degraded c	onditions?							
					Y	N	U	N/A
raceways ar seismic con conditions of	visual inspection from the HVAC ducting applications (e.g., condition of cable trays appear the the area were identication).	pear to be free of on of supports is a to be inside accep	potentially advendequate and fill otable limits)?		X			
					Y	N	U	N/A
4. Does it app	ear that the area is fro	ee of potentially	adverse seismic	spatial	X			
lighting)?	s with other equipments			ad				



					Status:	\bigcirc	N	U
Area Walk-By C	hecklist (AWC)							
Area	1CC-4h	Floor El.	638	Bldg.	CC		_	
Interaction Effec	ets				3 7	3 . t	T T	N 1/A
5. Does it appear	that the area is fre	ee of notentially	adverse seismic		$\begin{array}{ c c c c }\hline Y \\ \hline X \\ \hline \end{array}$	<u>N</u>	U	N/A
	t could cause floo							
No concerns iden	tified regarding f	lood sources.						
					Y	N	U	N/A
6. Does it appear	that the area is fro	ee of potentially	adverse seismic		X			
	could cause a fir							
No concerns iden	ujiea regaraing j	ire sources.						
					Y	N	<u>U</u>	N/A
	sociated with hou temporary instal	sekeeping pract lations (e.g., sca	adverse seismic ices, storage of po ffolding, lead shie		X		1	
•			conditions that co		Y	N	U]
Comments (Addi	itional pages may	be added as nec	essary)					
	ditt	Je Milhra Il	, 3 •					
Evaluated by:	Eddie M. Gu	erra		Date:	8/26/2	2012	_	
	Esu	ALU						
	Brian A. Luc	arelli		Date:	8/26/2	2012	<u>.</u>	



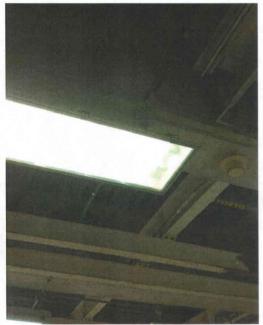
Area Walk-By Checklist (AWC)

Area <u>1CC-4h</u> Floor El. 638 Bldg. <u>CC</u>

Other supporting or relevant documents and photos (if any):



File Name: 1-59-4-1-02.jpeg
Description: General view of room



File Name: 1-60-4-1-02.jpeg Description: Protective light cover



Area Walk-By	Checklist (AWC)				Status:	Y	N	U
Area	1CC-5a	Floor El.	654	Bldg.	CC		_	
This checklist r space below ea	or Completing Checonay be used to docur ch of the following one is provided at the	ment the results questions may be	e used to record	the results of judg	ments and fin		e	
					Y	N	U	N/A
1. Does anchor	age of equipment in	the area appear	to be free of		X			
potentially acopening cabi	dverse seismic condi nets)?	tions (if visible	without necessa	nrily				
					Y	N	U	N/A
2. Does anchor degraded cor	age of equipment in aditions?	the area appear	to be free of sig	nificant	X			<u> </u>
					Y	N	U	N/A
	isual inspection from				X			
seismic cond	HVAC ducting app itions (e.g., condition cable trays appear to	of supports is	adequate and fil					
					Y	N	U	N/A
• •	ar that the area is fre			•		X		
interactions lighting)?	with other equipmen	t in the area (e.g	g., ceiling tiles a	nd				

Ceiling grates were not tied off to main runners. An enhancement condition report (CR 2012-12335) was written to identify an opportunity to improve the standard by tie wrapping the egg crate tiles together.

Related equipment on SWEL for this area: 1C22P0001

1H13P0701



					Status:	Y	\bigcirc	U
Area Walk-By Cho		5 1 5 1		511	00			
Area	1CC-5a	Floor El.	654	Bldg.	CC	- 106	_	
Interaction Effects	1							
5. Does it appear the	at the area is fre	e of potentially	adverse seismic		Y	N	U	N/A
interactions that of No concerns identify	could cause floo	ding or spray in						
6. Does it appear the interactions that c		•	adverse seismic		Y	N	U	N/A
No concerns identif	ied regarding fi	re sources.						
					Y	N	U	N/A
7. Does it appear the interactions asso			adverse seismic ces, storage of po	ortable	L _.	X	<u> </u>	
equipment, and to Various control roo room staff was notig	om furniture wer	re located in the	vicinity of cabine					
					Y	N	U	
8. Have you looked adversely affect			conditions that coment in the area?		X			
Comments (Additional Walkdown of Control Validate findings ea	rol Room on 8/1	0/12 by M. Alvi	i and J. Reddingto		ers to			
2. Panels H13-P88	ive no sensitive 81 and P882: Dreed calc, there ar	relays, therefore rawing racks loc re no sensitive re	no seismic II/I c ated next to these clays in the panels	oncern. panels.	inity.			
4. Panel H13-P86	7 Relay Panel: I	Desk/podium sto	ored next to this p	anel. Panel is not	seismically se	ensitive.		
5. Panel H13-P87	2: Table stored	next to this pane	l. CR-2012-1233	1 written to docu	ment this con	cern.		
	dill	Manual .						
Evaluated by:	Eddie M. Gue	Eddie M. Guerra Date:			8/26/2	2012	_	
	En)	HU.						
	Brian A. Lucarelli Date:				8/26/2	2012	_	



Status: Y 🔊 U

Area Walk-By Checklist (AWC)

Area 1CC-5a Floor El. 654 Bldg. CC

Other supporting or relevant documents and photos (if any):



File Name: 1-59-1-1-03.jpeg

Description: Supply locker not anchored



File Name: 1-60-1-1-03.jpeg

Description: Ceiling tiles not anchored



Status: Y 🕲 U

Area Walk-By Checklist (AWC)

Area <u>1CC-5a</u> Floor El. <u>654</u> Bldg. <u>CC</u>



File Name: 1-65-1-1-03.jpeg

Description: Desks adjacent to reactivity control cabinets



File Name: 1-68-1-1-03.jpeg Description: Table not restrained



Status: Y 🕦 U

Area Walk-By Checklist (AWC)

Area <u>1CC-5a</u> Floor El. <u>654</u> Bldg. <u>CC</u>



File Name: 1-67-1-1-03.jpeg
Description: Cabinet not anchored



1R45C0002B 1R46B0002B

Area Walk-R	y Checklist (AWC)				Status:	\bigcirc	N	U
Area	1DG-1a	Floor El.	620	Bldg.	DG			
	100 14	1 1001 E1.	020	Diag.			_	
This checklist space below e	for Completing Chec may be used to docu ach of the following access is provided at the	ment the results questions may b	e used to record th	e results of judg	gments and fin		.	
					Y	N	U	N/A
	rage of equipment in				X			
potentially a opening cab	adverse seismic cond vinets)?	itions (if visible	without necessari	ly				
					Y	N	U	N/A
	2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?				X			
					Y	N	U	N/A
	visual inspection from				X		<u> </u>	
seismic cond	d HVAC ducting app litions (e.g., condition f cable trays appear t	n of supports is	adequate and fill	se				
	the area were identij		•					
					Y	N	U	N/A
	ear that the area is fre with other equipmen				X			
Related equips 1M43C0002B	ment on SWEL for th	is area:						
1M43F0220B 1R43S0001B								



Area Walk-By Ch	necklist (AWC)				Status:	\bigcirc	N	U
Area	1DG-1a	Floor El.	620	Bldg.	DG			
Interaction Effect	s				Y	N	- U	N/A
5. Does it appear the interactions that No concerns identity	could cause floo	oding or spray in			X	11		IV/A
6. Does it appear the interactions that a Potential Fire Sour concerns identified	could cause a fir rces in the Area:	e in the area? DG Diesel Fuel			Y	N	U	N/A
7. Does it appear the interactions associated equipment, and to	ociated with hou	sekeeping practi	ces, storage of p	portable	Y	N	U	N/A
8. Have you looked adversely affect Comments (Addit	t the safety funct	ions of the equip	ment in the are		Y	N	U	
		to Mhati						
Evaluated by:	Eddie M. Gue	erra ALM		Date:	8/26/2	2012	-	
	Brian A. Luca	arelli		Date:	8/26/2	2012	_	



DG

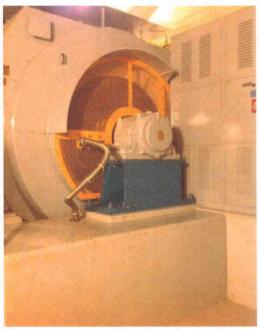
Area Walk-By Checklist (AWC)

Area 1DG-1a Floor El. 620 Bldg.

Other supporting or relevant documents and photos (if any):



File Name: 1-59-3-1-08.jpeg Description: General view

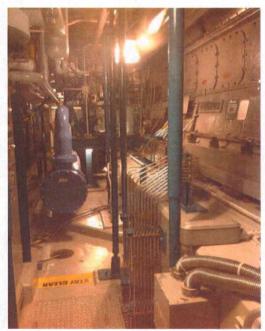


File Name: 1-60-3-1-08.jpeg Description: General view

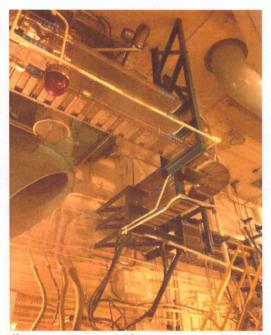


Area Walk-By Checklist (AWC)

Area <u>1DG-1a</u> Floor El. <u>620</u> Bldg. <u>DG</u>



File Name: 1-65-3-1-08.jpeg Description: General view



File Name: 1-66-3-1-08.jpeg

Description: Rigid supports for cable trays



1E22S0001 1H51P1421 1R42S0037

Area Walk-F	By Checklist (AWC)				Status:	\bigcirc	N	U
Area	1DG-1b	Floor El.	620	Bldg.	DG			
This checklist space below 6	for Completing Chect may be used to docue each of the following ace is provided at the	ment the results questions may be	e used to record t	he results of judg	ments and find		-	
					Y	N	U	N/A
	orage of equipment in adverse seismic cond binets)?			ily	X			
					Y	N	U	N/A
2. Does ancho degraded c	orage of equipment in onditions?	the area appear	to be free of sign	ificant	X			
					Y	N	U	N/A
raceways and seismic conditions of	visual inspection from and HVAC ducting appropriations (e.g., condition of cable trays appear trea are rigidly support	pear to be free of n of supports is a o be inside accep	potentially advendequate and fill	rse	X			
7111 HOMB W. G.	rea are rigidiy supper	rea.			Y	N	U	N/A
	pear that the area is from			-	X	11		IVA
	ane in the area observ	ed to be position	ed away fro m co	mponents.				
Related equip 1E22B5003	oment on SWEL for th	nis area:						



					Status:	\bigcirc	N	U
Area Walk-By Che	ecklist (AWC)							
Area	1DG-1b	Floor El.	620	Bldg.	DG		_	
Interaction Effects					Y	N	U	N/A
5. Does it appear that interactions that confirme protection is Confirmed and the co	ould cause floo	ding or spray in	the area?	od sources.	X	14		IVA
					Y	N	U	N/A
6. Does it appear that			adverse seismic		X			
interactions that co Potential Fire Source concerns identified i	es in the Area:	DG Diesel Fuel	and DG Lubric	ating Oil. No				
					Y	N	U	N/A
7. Does it appear that interactions associately equipment, and te	ciated with hous	sekeeping practi	ces, storage of p		X			
8. Have you looked adversely affect t					Y X	N	U	
Comments (Addition	onal pages may	be added as nec	essary)					
	Hite	all thing I'm						
Evaluated by:	Eddie M. Guer	rra		Date:	8/26/2	012	_	
	Ē.	HU						
	Brian A. Luca	relli		Date:	8/26/2	012	-	



Status:

Y

N

U

Area Walk-By Checklist (AWC)

Area

1DG-1b

Floor El.

620

Bldg.

DG

Other supporting or relevant documents and photos (if any):



File Name: 1-59-2-1-08.jpeg
Description: General view of room

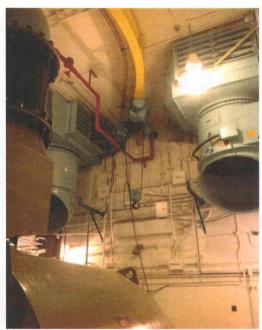


File Name: 1-60-2-1-08.jpeg
Description: General view of room



Area Walk-By Checklist (AWC)

Area <u>1DG-1b</u> Floor El. <u>620</u> Bldg. <u>DG</u>



File Name: 1-65-2-1-08.jpeg

Description: Crane away from components



1R45N0140A 1R46B0001A

. W. H. D.					Status:	\bigcirc	N	U
Area Walk-By	Checklist (AWC)							
Area	1DG-1c	Floor El.	620	Bldg.	DG		_	
This checklist is space below ea	or Completing Chec may be used to docur ich of the following of the is provided at the	ment the results questions may be	e used to record th	ne results of judg	ments and fine		-	
potentially a	age of equipment in dverse seismic condi	• •		ly	Y	N	U	N/A
opening cabi	inets)? bserved to be crooke	d, judged not to	be a concern					
2. Does anchor degraded cor	rage of equipment in	the area appear	to be free of sign	ficant	Y	N	U	N/A
raceways and seismic cond conditions of	visual inspection fron I HVAC ducting app itions (e.g., condition cable trays appear to	ear to be free of n of supports is a to be inside accep	potentially adver adequate and fill ptable limits)?	se	Y	N	U	N/A
Raceways in th	e area were identifie	d to be rigidly s	supported.		Y	N	U	N/A
	ar that the area is fre with other equipmen				X			
Related equipm 1M43C0001A 1M43F0030A 1R45A0003A 1R45C0003A	nent on SWEL for th	is area:						



Area Walk-By Ch	necklist (AWC)				Status:	\bigcirc	N	U
Area	1DG-1c	Floor El.	620	Bldg.	DG			
Interaction Effect	ts				Y	N	- U	N/A
5. Does it appear the interactions that Fire protection is a flood sources.	could cause floo	ding or spray in	the area?	fied regarding	X			
6. Does it appear to	hat the area is fre	•	adverse seismic		Y	N	U	N/A
Potential Fire Sou concerns identified	rces in the Area:	DG Diesel Fuel	and DG Lubrico	ating Oil. No				
	hat the area is fre sociated with hou temporary install	sekeeping practi	ces, storage of p		Y	N	U	N/A
8. Have you looke adversely affec	d for and found r t the safety funct				Y X	N	U_	
Comments (Addit	tional pages may	be added as nec	essary)					
	dell	Mhati	<i>,</i>					
Evaluated by:	Eddie M. Gue	rra		Date:	8/26/2	012	_	
	(Bu	HU						
	Brian A. Luca	relli	***************************************	Date:	8/26/2	012	-	



Area Walk-By Checklist (AWC)

Area <u>1DG-1c</u> Floor El. <u>620</u> Bldg. <u>DG</u>

Other supporting or relevant documents and photos (if any):



File Name: 1-59-1-1-08.jpeg Description: General view of room



File Name: 1-60-1-1-08.jpeg
Description: General view of room



Area Walk-By Checklist (AWC)

Area <u>1DG-1c</u> Floor El. <u>620</u> Bldg. <u>DG</u>



File Name: 1-65-1-1-08.jpeg

Description: View of crooked heater. Not a concern for operability.



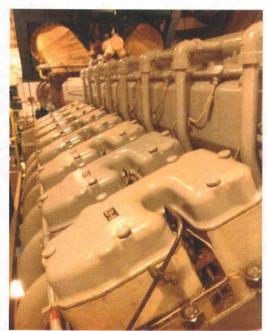
File Name: 1-66-1-1-08.jpeg

Description: View of heater anchorage



Area Walk-By Checklist (AWC)

Area <u>1DG-1c</u> Floor El. <u>620</u> Bldg. <u>DG</u>



File Name: 1-67-1-1-08.jpeg

Description: General view of top of generator



Area Walk-B	y Checklist (AWC)				Status:	\bigcirc	N	U
Area	2CC-3a	Floor El.	620	Bldg.	CC		_	
This checklist space below es	for Completing Che may be used to docu ach of the following ace is provided at the	ment the results questions may be	used to record t	he results of judg	ments and fin		;	
					Y	N	U	N/A
	rage of equipment in adverse seismic cond pinets)?	• •		ily	X			
					Y	N	U	N/A
2. Does ancho degraded co	rage of equipment in onditions?	the area appear	to be free of sign	ificant	X			
					Y	N	U	N/A
raceways an seismic cond conditions o	visual inspection from the HVAC ducting applications (e.g., conditions) of cable trays appear to the area were identified.	pear to be free of on of supports is a to be inside accep	potentially adve dequate and fill stable limits)?	rse	X			
					Y	N	U	N/A
interactions lighting)?	ear that the area is from the swith other equipment of the system of the	nt in the area (e.g	., ceiling tiles an	d	X		1	

Related equipment on SWEL for this area: 2R42S0037



					Status:	\bigcirc	N	U
Area Walk-By Ch	ecklist (AWC)							
Area	2CC-3a	Floor El.	620	Bldg.	CC		_	
Interaction Effects	3				***	2.7		N T/A
5. Does it appear th interactions that	could cause floo	oding or spray in			Y	N	T	N/A
No concerns identif	fied regarding fl	ood sources.						
6. Does it appear th	at the area is fre	e of notentially s	ndvarca caismic		Y	N	U	N/A
interactions that c	ould cause a fir	e in the area?	averse seisime					L
					Y	N	U_	N/A
7. Does it appear th interactions asso equipment, and t Eyewash station an	ociated with hou emporary instal	sekeeping praction	ces, storage of po		X			
8. Have you looked adversely affect		no other seismic o			Y	N	U]
Comments (Additi	onal pages may	be added as nece	essary)					
	della	Mhuist						
Evaluated by:	Eddie M. Gue	erra		Date:	8/26/2	2012	_	
	Én	HU.						
	Brian A. Luca	arelli		Date:	8/26/2	2012	_	



Status:

Ý N

U

Area Walk-By Checklist (AWC)

Area

2CC-3a

Floor El.

620

Bldg.

CC

Other supporting or relevant documents and photos (if any):



File Name: 1-59-1-1-07.jpeg Description: General view



Area Walk-By	Checklist (AWC)				Status:	\bigcirc	N	U
Area	2CC-6a	Floor El.	679	Bldg.	CC			
This checklist is space below ea	or Completing Che may be used to docu ch of the following ce is provided at the	ment the results questions may be	used to record	the results of jud	gments and fir		e	
					Y	N	U	N/A
	age of equipment in dverse seismic cond nets)?			urily	X			
					Y	N	U	N/A
2. Does anchor degraded con	age of equipment in nditions?	the area appear	to be free of sig	nificant	X			
					Y	N	U	N/A
raceways and seismic cond conditions of	isual inspection from HVAC ducting applitions (e.g., condition cable trays appear the area were identified	pear to be free of n of supports is a to be inside accep	potentially adv dequate and fil otable limits)?	erse	X			
. = .					Y	N	U	N/A
	ar that the area is fro with other equipmen	-		-	X	- 111		L

Related equipment on SWEL for this area:

0M23C0001A 0M23C0002A 0M23F0100A



Area Walk-By C	hecklist (AWC)				Status:	$ar{\mathbf{v}}$	N	U
Area	2CC-6a	Floor El.	679	Bldg.	CC			
Interaction Effec	ts			***************************************	Y	N	- U	N/A
5. Does it appear to interactions that Potential Flood So (0P47A0002A). Found rod hung but regarding flood so	t could cause floo ource in the Area. Fire protection pip dry throughout ro	ding or spray in Control Comploing judged not t	the area? ex Chilled Wate. o be a concern.	Piping is welded	X	IN	U	N/A
					Y	N	U	N/A
6. Does it appear to interactions that No concerns identifications.	could cause a fire	e in the area?	adverse seismic		X			
					Y	N	U	N/A
	sociated with house temporary install	sekeeping practi ations (e.g., scat	ces, storage of p		X			
8. Have you looke	ed for and found n	o other seismis	conditions that s	eould	Y	N	U T	1
•	et the safety functi				_ A			J
Comments (Addi	tional pages may	be added as nec	essary)					
	della	Mhrass						
Evaluated by:	Eddie M. Gue	rra		Date:	8/26/2	2012	-	
	(Su)	40						
	Brian A. Luca	relli		Date:	8/26/2	2012	_	



Area Walk-By Checklist (AWC)

Area <u>2CC-6a</u> Floor El. <u>679</u> Bldg. CC

Other supporting or relevant documents and photos (if any):



File Name: 1-59-1-1-04.jpeg Description: General view



File Name: 1-60-1-1-04.jpeg Description: General view



Area Walk-By Checklist (AWC)

Area <u>2CC-6a</u> Floor El. <u>679</u> Bldg. <u>CC</u>



File Name: 1-65-1-1-04.jpeg Description: General view



Area Walk-F	By Checklist (AWC)				Status:	\odot	N	U
Area	CC-1	Floor El.	586	Bldg.	CC			
This checklist space below to	for Completing Che t may be used to docu each of the following ace is provided at the	ment the results questions may b	e used to record t	he results of judg	ments and fin		- -	
					Y	N	U	N/A
	orage of equipment in adverse seismic cond binets)?			ily	X			
Two unancho walkdown wa	red instrument air dr is performed and it wo mponent located in th	as confirmed tha	t there is no safet	y related	//I			
					Y	N	U	N/A
2. Does ancho degraded c	orage of equipment in onditions?	the area appear	to be free of sign	ificant	X			
					Y	N	U	N/A
raceways ar seismic con	visual inspection from HVAC ducting applications (e.g., condition for cable trays appear to	pear to be free of on of supports is	potentially adversadequate and fill	rse	X			
	and raceways in the a bserved to have adeq				ed			
4.5		0			Y	N	U	N/A
	ear that the area is from				X	••		<u> </u>
Related equip 0H51P0039 0H51P0193 0H51P0318 0P47B0001A 0P47C0001A 1P42B0001B 1P42C0001B 1P42F0665A 1P42F0665B		nis area:						



Brian A. Lucarelli

A WILD CL	LP (ABUC)				Status:	\bigcirc	N	U
Area Walk-By Ch	iecklist (AWC)							
Area	CC-1	Floor El.	586	Bldg.	<u>CC</u>			
Interaction Effect	s							
5. Does it appear th	nat the area is fre	e of notentially a	dverse seismic		$\frac{Y}{X}$	N	T	N/A
		oding or spray in		,			1	
Heater (0P71A000 Fire protection pip overhead piping. I victaulic coupling	3), and CC Chil ing ranges from Branch pipes are type 77 (grooved	led Water Storag 1" to 4" diamter supported by rod l connection) and	e Tanks (0P47, and is primari d hangers that l judged OK. (A and 0P66A50011 A5006A, 0P47A500 ly rod hung, potenti utilize friction clips Configuration judged oncerns identified r	6B, and 0P4 ial to interact . Fire protec d to be accep	7A5006C with oth ction pipi table bas). er ng is sed on	
					V	NI	T T	NT/A
6. Does it appear th	nat the area is fre	ee of potentially a	dverse seismic	:	Y	N	U	N/A
interactions that of Potential Fire Sour Compressor Oil. N	could cause a fir rces in the Area:	e in the area? CCW Water Chi	iller Lubricatio					
					Y	N	Ù	N/A
	ociated with hou	ee of potentially a sekeeping practic lations (e.g., scaf	ces, storage of	portable	X			
					Y	N	U	
8. Have you looked	d for and found i	no other seismic o	conditions that	could	X]
Cast iron pipes we tags relate back to action was require 1" to 3" diameters not impact equipm	re identified witi a seismic walkd d. piping to water ent. st iron sewage p	own from the pas heater P71-A003 iping observed to	ismic Violatior st that identified is rod hung. J be supported	n. After walkdown pi d issues and design ludged OK as it is n by long rod hangers	engineering i on-seismic ai	resolved nd poteni	issues. No tial floodin	further ng would
Comments (Addit	ional pages may	be added as nece	essary)					
	della	M. Home I'm						
Evaluated by:	Eddie M. Gue	erra		Date:	8/26/2	2012	_	
	En	HÜ.						

Date:

8/26/2012



Area Walk-By Checklist (AWC)

Area <u>CC-1</u> Floor El. <u>586</u> Bldg. <u>CC</u>

Other supporting or relevant documents and photos (if any):



File Name: 1-59-1-1-01.jpeg Description: General view of room

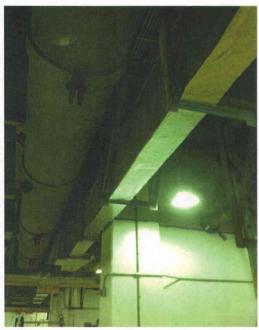


File Name: 1-60-1-1-01.jpeg
Description: General view of room



Area Walk-By Checklist (AWC)

Area <u>CC-1</u> Floor El. <u>586</u> Bldg. <u>CC</u>



File Name: 1-65-1-1-01.jpeg Description: HVAC rigidly supported



File Name: 1-66-1-1-01.jpeg

Description: Victaulic fire protection piping



Area Walk-By Checklist (AWC)

Area <u>CC-1</u> Floor El. <u>586</u> Bldg. <u>CC</u>



File Name: 1-67-1-1-01.jpeg
Description: Rod hung fire protection piping



File Name: 1-70-1-1-01.jpeg
Description: General view of B area



Area Walk-By Checklist (AWC)

Area <u>CC-1</u> Floor El. <u>586</u> Bldg. <u>CC</u>



File Name: 1-71-1-01.jpeg Description: Cast iron pipe



File Name: 1-74-1-1-01.jpeg

Description: Air dryer rack (1P52-D003B) missing anchorage (similar issue 1P52-D003A)



Area Walk-By Checklist (AWC)

Area <u>CC-1</u> Floor El. <u>586</u> Bldg. <u>CC</u>



File Name: 1-75-1-1-01.jpeg

Description: Anchorage for air dryer racks (at top)



Area Walk-l	By Checklist (AWC)				Status:	\odot	N	U
Area	CO-620	Floor El.	620	Bldg.	CO			
This checklis space below	for Completing Chect may be used to docu each of the following cace is provided at the	ment the results questions may be	used to record th	e results of judg	ments and fin		- e	
					Y	N	U	N/A
1. Does anche	orage of equipment in	the area appear	to be free of		X			
2. Does anche degraded corrosion on	orage of equipment in	the area appear	to be free of signif	ĭcant	Y X	N	U	N/A
					Y	N	U	N/A
3. Based on a	visual inspection from	n the floor, do th	e cable/conduit		X		ΤŤ	
raceways and seismic conditions of	nd HVAC ducting appuditions (e.g., condition of cable trays appear the tree area were ident	pear to be free of n of supports is a to be inside accep	potentially advers dequate and fill stable limits)?	e				
					Y	N	U	N/A
	pear that the area is free s with other equipmen		•	atial	X			
Small nut sec	uring floor grating foo ly tightened nuts are p		-	t to be significar	nt			

Related equipment on SWEL for this area:

1B21N0067C

1B21N0073C



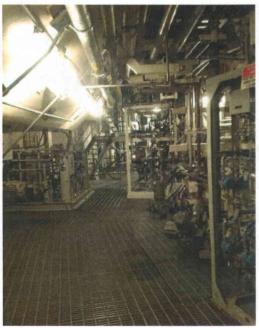
Area Walk-By (Checklist (AWC)				Status:	\odot	N	U
Area	CO-620	Floor El.	620	Bldg.	<u>CO</u>			
Interaction Effe	ects				V	N	- * T T	N/A
5. Does it appear	that the area is fre	e of potentially	adverse seismic		$\begin{array}{ c c c c }\hline Y \\ \hline X \end{array}$	N	U	IN/A
interactions tha	at could cause floo ntified regarding fl	ding or spray in						
					Y	N	U	N/A
6. Does it appear that the area is free of potentially adverse seismic								
	nt could cause a fire ntified regarding fit							
					Y	N	U	N/A
7. Does it appear	that the area is fre	e of potentially	adverse seismic		X			
	d temporary install ea judged to be add			elding)?	Y	N	U	
	ed for and found nect the safety functi				X			
have adequate fle 620.	eter piping observe exibility to accomn litional pages may	nodate the very s	mall seismic anc					
	ditte	Mhails						
Evaluated by:	Eddie M. Gue	8/26/2012						
	En	411						
	Brian A. Lucarelli Dat				8/26/2	2012	•	



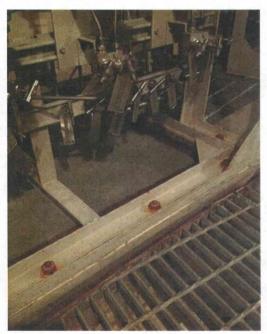
Area Walk-By Checklist (AWC)

Area CO-620 Floor El. 620 Bldg. CO

Other supporting or relevant documents and photos (if any):



File Name: 1-59-1-1-13.jpeg Description: General view



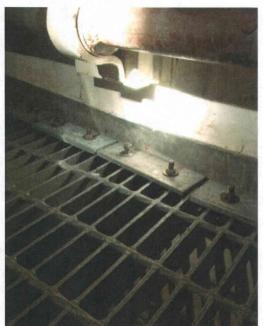
File Name: 1-65-1-1-13.jpeg

Description: Corrosion in instrument rack anchorage



Area Walk-By Checklist (AWC)

Area <u>CO-620</u> Floor El. <u>620</u> Bldg. <u>CO</u>



File Name: 1-66-1-1-13.jpeg

Description: Loose nut for securing grating.



File Name: 1-71-1-13.jpeg

Description: Mild corrosion identified in anchorage



Area Walk-B	sy Checklist (AWC)				Status:	\bigcirc	N	U
Area	<u>CO-642</u>	Floor El.	642	Bldg.	CO			
his checklist pace below e	for Completing Chec may be used to docu each of the following of ace is provided at the	ment the results questions may be	e used to record th	ne results of judg	ments and fine		;	
					Y	N	- U	N/A
	orage of equipment in adverse seismic cond binets)?	• •		ly	X	-		
					Y	N	U	N/A
Does ancho degraded co	orage of equipment in onditions?	X						
dequate and	that anchors 1/2" dia the span lengths are ded anchors found or	short if the corre	oded strut is ignor	ed.	OK due to smo			ire N/A
raceways an seismic con- conditions o	visual inspection from the dHVAC ducting appelitions (e.g., condition of cable trays appear the area identified to the	pear to be free of n of supports is a o be inside accep	potentially adver adequate and fill otable limits)?	se	X		I	IN/A
					Y	N	U	N/A
	ear that the area is fre with other equipmen				X			
Prip tray obse ipe and judg	erved over pump and ed OK.	MOV in this are	a. Tray is attach	ed to overhead				
Related equip C11F0110A C11F0160A C41C0001A		nis area:						



Area Walk-By C	Checklist (AWC)				Status:	$ \mathfrak{V} $	N	U
Area	<u>CO-642</u>	Floor El.	642	Bldg.	CO			
Interaction Effe	cts				V	NI	-	NI/A
interactions tha	that the area is fre at could cause floo atified regarding fl	ding or spray in			Y	N	U	N/A
interactions tha	that the area is fre t could cause a fire tified regarding fi	in the area?	adverse seismic		Y	N	U	N/A
interactions as equipment, and	l temporary install	sekeeping practi ations (e.g., sca	adverse seismic ces, storage of porta ffolding, lead shield quately restrained		Y	N	U	N/A
	ed for and found n		conditions that coul ment in the area?	d	Y	N	U	
Comments (Add	itional pages may	be added as nec	essary)					
	ddi	MehraTi						
Evaluated by:	Eddie M. Guerra			Date:	8/26/2	8/26/2012		
	En)	440						
	Brian A. Lucarelli				8/26/2012			



Area Walk-By Checklist (AWC)

Area

CO-642

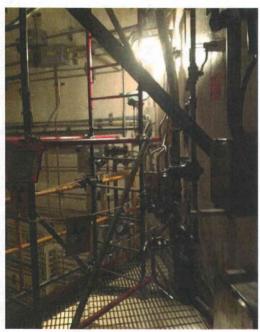
Floor El.

642

Bldg.

CO

Other supporting or relevant documents and photos (if any):



File Name: 1-59-1-1-12.jpeg Description: General view



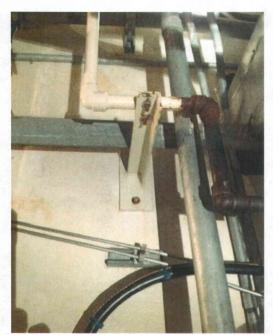
File Name: 1-60-1-1-12.jpeg

Description: Surface corrosion identified



Area Walk-By Checklist (AWC)

Area CO-642 Floor El. 642 Bldg. CO



File Name: 1-65-1-1-12.jpeg
Description: Surface corrosion identified



File Name: 1-67-1-12.jpeg

Description: Surface corrosion identified

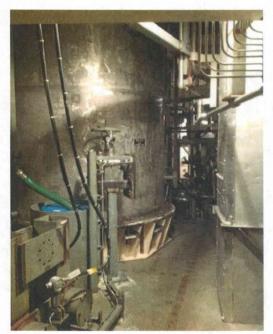


Area Walk-By Checklist (AWC)

Area <u>CO-642</u> Floor El. <u>642</u> Bldg. <u>CO</u>



File Name: 1-68-1-1-12.jpeg
Description: Surface corrosion identified



File Name: 1-69-1-1-12.jpeg Description: General view



Status:

Y

N

U

Area Walk-By Checklist (AWC)

Area

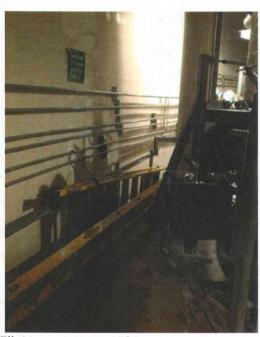
CO-642

Floor El.

642

Bldg.

CO



File Name: 1-70-1-1-12.jpeg Description: Ladders tied



1P45C0001B 1P45F0130B 1P45F0660 1R24S0032

e SWEL into and fine		- - - U	N/A
e SWEL ints and fin	ndings.	_	N/A
nts and fin	ndings.	_	N/A
	N	- U	N/A
Х			
Y	N	U	N/A
X			
Y	N	U	N/A
X			
Y	N	U	N/A
	one of		
	Y X	X Y N X Y N X tt of the zone of	Y N U X Y N U X at of the zone of



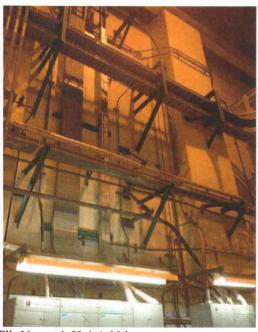
Area Walk-By C	Checklist (AWC)			Status:	\bigcirc	N	U
Area	<u>EW-1</u>	Floor El.	586	Bldg.	EW			
Interaction Effec	cts				Y	N	- U	N/A
interactions that Potential Flood S	at could cause flo Source in the Are		the area? tenance Tank (0)P54A0001). Weld	X		<u> </u>	IVA
piping is well sup	ported. No conc	erns identified reg	garding flood so	urces.		> T	*7	N 1/A
interactions that	t could cause a f		adverse seismic		X	N	U	N/A
No concerns iden	uijiea regaraing	jire sources.						
interactions as equipment, and Very tall tempora	sociated with ho I temporary insta ary scaffolding no	ree of potentially susekeeping practi ullations (e.g., scal oted in area. Tem 51-P010A. Items	ces, storage of p ffolding, lead sh <i>porary unrestra</i>	oortable ielding)? <i>iined storage</i>	Y	N	U	N/A
		no other seismic			Y	N	U]
Comments (Add	itional pages ma	y be added as nec	essary)					
	dt	te Miller I v						
Evaluated by:	Eddie M. Gu	ierra		Date:	8/26/2	012	_	
	En	ALU						
	Brian A. Lu	carelli		Date:	8/26/2	012	-	



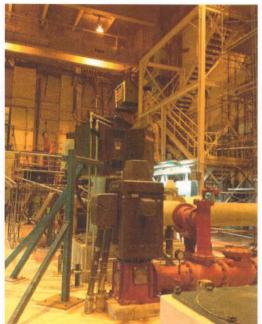
Area Walk-By Checklist (AWC)

Area <u>EW-1</u> Floor El. 586 Bldg. EW

Other supporting or relevant documents and photos (if any):



File Name: 1-59-1-1-05.jpeg
Description: Raceways rigidly supported



File Name: 1-60-1-1-05.jpeg
Description: General view of room



Status:

Y

N

U

Area Walk-By Checklist (AWC)

Area

EW-1

Floor El.

586

Bldg.

EW



File Name: 1-65-1-1-05.jpeg

Description: View of 2H5I-P753B anchorage condition



File Name: 1-66-1-1-05.jpeg

Description: Close up of anchorage condition



Area Walk-By Checklist (AWC)

Area <u>EW-1</u> Floor El. <u>586</u> Bldg. <u>EW</u>



File Name: 1-67-1-1-05.jpeg
Description: Scaffolding staging area



File Name: 1-69-1-1-05.jpeg Description: General view of room



Area Walk-By Checklist (AWC)

Area <u>EW-1</u> Floor El. <u>586</u> Bldg. <u>EW</u>



File Name: 1-70-1-1-05.jpeg
Description: Surface corrosion identified



File Name: 1-71-1-1-05.jpeg

Description: Storage container identified next to H51-P010A



Area Walk-B	y Checklist (AWC))				Status:	\odot	N	U
Area	FH-2a	Floor El.	599	Bldg	g. <u>I</u>	В		_	
This checklist space below e	for Completing Chomay be used to docach of the following ace is provided at the	ument the results a questions may be	used to record	the results of j	udgmer	its and fin		2	
	rage of equipment in adverse seismic con- pinets)?	* *		arily		Y	N	U	N/A
degraded co	rage of equipment in onditions? corrosion observed i	• •				Y	N	U	N/A
raceways an seismic cond conditions o	visual inspection frod d HVAC ducting ap ditions (e.g., condition f cable trays appear an identified to be wel	pear to be free of on of supports is a to be inside accep	potentially adv dequate and fil	erse		Y	N	U	N/A
	ear that the area is fr with other equipme					Y	N	U	N/A

Related equipment on SWEL for this area: 0G41A0002A



Area Walk-By Ch	ecklist (AWC)				Status:	(A)	N	U
Area	FH-2a	Floor El.	599	Bldg.	<u>IB</u>			
Interaction Effects	S				V	N	- U	N/A
5. Does it appear th interactions that a Potential Flood Son Cleaning Tank (1LS (0G41A0002A). No	could cause floo urces in the Arec 59A0002), and F	ding or spray in	the area? ank (1L59A0001) g & Clean-Up S		Y	IN		IVA
6. Does it appear th interactions that c			adverse seismic		Y	N	U	N/A
No concerns identif								
7. Does it appear th interactions asso	ciated with hous	sekeeping praction	ces, storage of p		Y X	N	U	N/A
equipment, and to 8. Have you looked adversely affect	for and found n	o other seismic	conditions that c	ould	Y	N	U	
Comments (Additi	onal pages may	be added as nece	essary)					
	ditto	Mhristi						
Evaluated by:	Eddie M. Gue	rra		Date:	8/26/2	012	_	
	É	HU.						
	Brian A. Luca	relli		Date:	8/26/2	012	-	



ΙB

Area Walk-By Checklist (AWC)

Area FH-2a Floor El. 599 Bldg.

Other supporting or relevant documents and photos (if any):



File Name: 1-59-2-1-22.jpeg Description: General view



File Name: 1-60-2-1-22.jpeg

Description: Mild surface corrosion identified



Status:

(Y)

N

U

Area Walk-By Checklist (AWC)

Area

FH-2a

Floor El.

599

Bldg.

IB



File Name: 1-65-2-1-22.jpeg Description: General view



File Name: 1-66-2-1-22.jpeg Description: General view



Area Walk-I	By Checklist (AWC))			Status:	\bigcirc	N	U
Area	FH-3a	Floor El.	620	Bldg.	FH		_	
This checklis space below	for Completing Chot may be used to doceach of the following pace is provided at the	ument the results questions may be	e used to record	the results of judg	ments and fin		-	
					Y	N	U_	N/A
	orage of equipment in adverse seismic confibinets)?			rily	X			
					Y	N	U	N/A
2. Does anche degraded c	orage of equipment is conditions?	n the area appear	to be free of sigr	nificant	X	-		
					Y	N	U_	N/A
raceways as seismic cor	n visual inspection from and HVAC ducting appositions (e.g., condition of cable trays appear	pear to be free of on of supports is a	potentially advendequate and fill	rse	X	•		
Piping and H	IVAC ducts in the are	ea identified to be	rigidly supporte	d.				
					Y	N	U	N/A
	pear that the area is fi s with other equipme			-	X		<u> </u>	
	ace heater observed i te flexibility to accom			r piping judged to	9			

Related equipment on SWEL for this area:

1C11F0083

1P57A0003A

Area Walk-By C	hecklist (AWC)				Status:	Ŷ	N	U
Area	FH-3a	Floor El.	620	Bldg.	<u>FH</u>		_	
Interaction Effec	ets				Y	N	U	N/A
5. Does it appear interactions that	that the area is fre t could cause floo				X			
Welded fire proted flood sources.	ction piping is rig	idly supported. 1	No concerns identif	ìed regarding				
6. Does it appear interactions that No concerns identifications	could cause a fire	e in the area?	adverse seismic		Y	N	U	N/A
equipment, and	sociated with hous I temporary install	sekeeping practi ations (e.g., scat	adverse seismic ces, storage of port ffolding, lead shield Cart in the area no	ling)?	Y X	N	U	N/A
•			conditions that cou ment in the area?	ld	Y	N	U]
Comments (Addi	itional pages may	be added as necessary	essary)					
Evaluated by:	Eddie M. Gue	rra LU		Date:	8/26/2	012	-	
	Brian A. Luca	relli		Date:	8/26/2	012	_	

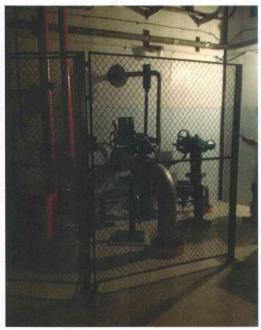


Area Walk-By Checklist (AWC)

Area FH-3a Floor El. 620

Bldg. FH

Other supporting or relevant documents and photos (if any):



File Name: 1-59-2-1-17.jpeg Description: General view

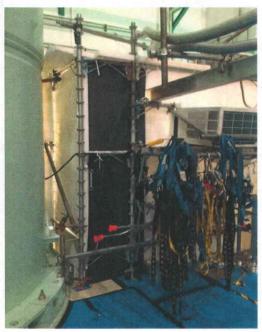


File Name: 1-65-2-1-17.jpeg Description: General view



Area Walk-By Checklist (AWC)

Area FH-3a Floor El. 620 Bldg. FH



File Name: 1-67-2-1-17.jpeg
Description: Scaffolding clamped to tank



File Name: 1-69-2-1-17.jpeg
Description: Rod hung space heater



Area Walls	By Checklist (AWC	`			Status:	\bigcirc	N	U
		,						
Area	<u>IB-1a</u>	Floor El.	574	Bldg.	<u>IB</u>		_	
This checklis space below	s for Completing Ch st may be used to doc each of the following pace is provided at th	ments and find		;				
					Y	N	U	N/A
	orage of equipment i				X			
potentially opening ca	adverse seismic con abinets)?	ditions (if visible	without necessari	ly				
					Y	N	U	N/A
	orage of equipment i conditions?	n the area appear	to be free of signi	ficant	X			
					V	N	T T	N1/A
3. Based on a	a visual inspection fro	om the floor, do th	ne cable/conduit		X	N	U _	N/A
raceways a seismic con	and HVAC ducting ap nditions (e.g., conditi of cable trays appear	opear to be free of on of supports is a	potentially adver adequate and fill	se				
					Y	N	U	N/A
	pear that the area is fi ns with other equipme				X		<u> </u>	
0G41C0003		this area:						
0G41C00031 0G41F0542A								
0G41F0542F								
0G41F0545A								
0G41F0545I								
0G41F0546A								
0G41F0546I	3							



Area Walk-By	Checklist (AWC)			Status:	\bigcirc	N	U
Area	IB-1a	Floor El.	574	Bldg.	<u>IB</u>			
Interaction Effe	ects				V	N	– U	N/A
		ree of potentially a poding or spray in			X	IN		IVA
and Fuel Pool F	/D Backwash Rec	ea: Fuel Transfer eiver Tank Receiv concerns identifie	ving (0G50A002.	2). Fire protection	n			
					Y	N	U	N/A
		ree of potentially	adverse seismic		X			
	nt could cause a finitified regarding							
					Y	N	U	N/A
interactions a equipment, an	ssociated with ho	ree of potentially a usekeeping practi Illations (e.g., scat well tied off.	ces, storage of p		X			
					Y	N	U	•
		no other seismic etions of the equip			X			
Comments (Add	litional pages ma	y be added as neco	essary)					
	da	to Mhoust						
Evaluated by:	Eddie M. Gu	ierra		Date:	8/26/2	2012	_	
	En.	ALL						
	Brian A. Luc	carelli		Date:	8/26/2	2012	_	



Status:

IB

Y

N

U

Area Walk-By Checklist (AWC)

Area IB-1a

Floor El.

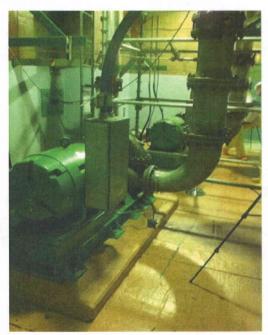
574

Bldg.

Other supporting or relevant documents and photos (if any):



File Name: 1-59-1-1-21.jpeg Description: General view



File Name: 1-60-1-1-21.jpeg Description: General view



1P57F0015A

	Status:	\bigcirc	N	U
Bldg.	<u>IB</u>			
sults of judg	ments and find		:	
3.1112	Y	N	U	N/A
	X			
nt	Y	N	U I	N/A
	<u> </u>			
	Y	N	U_	N/A
-	re are no		<u> </u>	
	Y	N	U	N/A
ıl	X			
	near one or results of judg other commo	Bldg. IB near one or more SWEL it esults of judgments and fine other comments. Y X Y X equate as there are no a is rigidly supported. Y	Bldg. IB near one or more SWEL items. The esults of judgments and findings. other comments. Y N X Y N X or N Y N X Paguate as there are no a is rigidly supported. Y N	Bldg. IB near one or more SWEL items. The esults of judgments and findings. other comments. Y N U X Y N U X Paguate as there are no a is rigidly supported. Y N U



					Status:	\bigcirc	N	U
Area Walk-By Cl	hecklist (AWC)				•		
Area	<u>IB-2</u>	Floor El.	599	Bldg.	<u>IB</u>		_	
Interaction Effect	ts				X 7	.		NI/A
5. Does it appear to	hat the area is f	ree of notentially	adverse seismic		X	N	U	N/A
	t could cause floources in the Ar (D0004), and Bo	ooding or spray in ea: Precoat Tank dy Feed Tank Mix	the area? (0G41A0001), A ser (0G41D0003	Precoat Tank Mixe 5). Fire protection	r (0G41D000.			
					Y	N	U	N/A
6. Does it appear to	hat the area is f	ree of potentially	adverse seismic		X			
interactions that Potential Fire Sou 211. No concerns	rces in the Ared	a: Flammable Stor	rage Cabinets b	y IB-218 and IB-	Y	N	U	N/A
	ociated with ho	ree of potentially busekeeping practi allations (e.g., scar	ces, storage of	oortable	X			
8. Have you looke adversely affec		no other seismic			Y	N	U]
Comments (Addit	tional pages ma	y be added as nec	essary)					
	du	to Whist						
Evaluated by:	Eddie M. Gu	uerra		Date:	8/26/2	012	-	
	En	ALU						
	Brian A. Luc	carelli		Date:	8/26/2	012	_	



Area Walk-By Checklist (AWC)

Area <u>IB-2</u> Floor El. 599 Bldg. <u>IB</u>

Other supporting or relevant documents and photos (if any):



File Name: 1-59-2-1-14.jpeg Description: General view



File Name: 1-60-2-1-14.jpeg

Description: Maintenance equipment identified in the area



Area Walk-By Checklist (AWC)

Area IB-2 Floor El. 599 Bldg. IB



File Name: 1-65-2-1-14.jpeg

Description: View of cable trays in the area



Area Walk-By Checklist (AWC)		Status:	Y	N	U
	ildg.	IB			
Instructions for Completing Checklist This checklist may be used to document the results of the Area Walk-By near o space below each of the following questions may be used to record the results of Additional space is provided at the end of this checklist for documenting other of the complete the comple	of judgme	ents and fin		-	
1. Does anchorage of equipment in the area appear to be free of	[Y	N	U	N/A
potentially adverse seismic conditions (if visible without necessarily opening cabinets)?			•		
	_	Y	N	U	N/A
2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?	l	X			
		Y	N	U	N/A
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)? HVAC ducts in the area were identified to be rigidly supported.	[Х			
		Y	Ŋ	U	N/A
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	[X			

Related equipment on SWEL for this area: 1P43F0055



					Status:	Y	\mathbb{N}	U
Area Walk-By C	Checklist (AWC)							
Area	IB-2 (2)	Floor El.	599	Bldg.	<u>IB</u>		_	
Interaction Effec	cts						••	
interactions tha	that the area is free at could cause flood tified regarding flo	ding or spray in			X	<u>N</u>	U	N/A
interactions that Potential Fire Son	that the area is free t could cause a fire urces in the Area: identified regardi	in the area? Flammable Stor	adverse seismic rage Cabinets by IE	3-218 and IB-	Y	N	U	N/A
interactions as		ekeeping practi	adverse seismic ces, storage of port folding, lead shield		Y	N X	U	N/A
scaffold on the ne the valve or nearl	arby MOV judged	not a concern sever, a condition	oort system for a Ch ince it will not indi n report (CR 2012- or a chiller unit.	ice a significan	t damage to			
	ed for and found no		conditions that cou ment in the area?	ld	Y	N	U	
Comments (Addi	itional pages may b	oe added as nece	essary)					
	- du	Mhout						
Evaluated by:	Eddie M. Guer	ra		Date:	8/26/20	012	-	
	En	HÜ.						
	Brian A. Lucar	relli		Date:	8/26/20	012	-	



Status: Y 🕲 U

Area Walk-By Checklist (AWC)

Area <u>IB-2 (2)</u> Floor El. <u>599</u> Bldg. <u>IB</u>

Other supporting or relevant documents and photos (if any):



File Name: 1-59-3-1-14.jpeg Description: General View



File Name: 1-60-3-1-14.jpeg

Description: Scaffold structure for chiller unit



Area Walk-By	Checklist (AWC)				Status:	(Y)	N	U
Area	<u>IB-3a</u>	Floor El.	620	Bldg.	IB	-		
This checklist n space below each	r Completing Che nay be used to docu ch of the following se is provided at the	ment the results questions may b	e used to recor	d the results of jud	gments and fi		-	
					Y	N	U	N/A
	age of equipment in dverse seismic cond nets)?			sarily	X			
					Y	N_	U	N/A
2. Does anchora degraded con	age of equipment in ditions?	the area appear	to be free of si	gnificant	X			1
2 Paged on a vi	isual inspection fro	m the floor de ti	aa aabla/aandu	:4	Y	N	U_	N/A
raceways and seismic condi	HVAC ducting appetions (e.g., conditions)	pear to be free of n of supports is	potentially adadequate and f	verse		<u> </u>		I
	und to be rigidly su		,					
4. Does it appea	ar that the area is fro	ee of potentially	adverse seismi	c spatial	Y X	N	U	N/A
interactions v lighting)?	with other equipmen	nt in the area (e.g	g., ceiling tiles	and				

Related equipment on SWEL for this area: 1C41A0003



Interaction Effects 5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? Potential Flood Source in the Area: SLC Auxiliary Mixing Tank (0C41A0003). Fire protection piping is welded and rigidly supported. No concerns identified regarding flood sources. 4 N U N/A 6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Fire protection piping is welded with rigid supports. No concerns identified regarding fire sources. 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 tied off, storage barrels judged not a potantial adverse condition. 8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Comments (Additional pages may be added as necessary)						Status:	$oldsymbol{\mathbb{Y}}$	N	U
Interaction Effects 5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? Potential Flood Source in the Area: SLC Auxiliary Mixing Tank (OC41A0003). Fire protection piping is welded and rigidly supported. No concerns identified regarding flood sources. 6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Fire protection piping is welded with rigid supports. No concerns identified regarding fire sources. 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 tied off, storage barrels judged not a potantial adverse condition. 8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Comments (Additional pages may be added as necessary) Evaluated by: Eddic M. Guerra Date: 8/26/2012	Area Walk-By C	hecklist (AWC)							
5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? Potential Flood Source in the Area: SLC Auxiliary Mixing Tank (0C41A0003). Fire protection piping is welded and rigidly supported. No concerns identified regarding flood sources. 6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Fire protection piping is welded with rigid supports. No concerns identified regarding fire sources. 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 tied off, storage barrels judged not a potantial adverse condition. 8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Comments (Additional pages may be added as necessary) Evaluated by: Eddie M. Guerra Date: 8/26/2012	Area	IB-3a	Floor El.	620	Bldg.	<u>IB</u>			
5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? Potential Flood Source in the Area: SLC Auxiliary Mixing Tank (0C41A0003). Fire protection piping is welded and rigidly supported. No concerns identified regarding flood sources. 4	Interaction Effec	ts						_	/.
interactions that could cause flooding or spray in the area? Potential Flood Source in the Area: SLC Auxiliary Mixing Tank (0C41A0003). Fire protection piping is welded and rigidly supported. No concerns identified regarding flood sources. 4	5 D	u	C 11	,			N	, U	N/A
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Fire protection piping is welded with rigid supports. No concerns identified regarding fire sources. 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 tied off, storage barrels judged not a potantial adverse condition. 8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Comments (Additional pages may be added as necessary) Evaluated by: Eddie M. Guerra Date: 8/26/2012	interactions that Potential Flood Se	t could cause floc ource in the Area	oding or spray in : SLC Auxiliary	the area? Mixing Tank (00	· · ·		ing is		<u> </u>
interactions that could cause a fire in the area? Fire protection piping is welded with rigid supports. No concerns identified regarding fire sources. Y N U N/A 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 tied off, storage barrels judged not a potantial adverse condition. 8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Comments (Additional pages may be added as necessary) Evaluated by: Eddie M. Guerra Date: 8/26/2012						Y	N	U	N/A
Fire protection piping is welded with rigid supports. No concerns identified regarding fire sources. Y N U N/A 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 tied off, storage barrels judged not a potantial adverse condition. 8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Comments (Additional pages may be added as necessary) Evaluated by: Eddie M. Guerra Date: 8/26/2012	6. Does it appear t	that the area is fre	e of potentially	adverse seismic					
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 tied off, storage barrels judged not a potantial adverse condition. Y N U 8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Comments (Additional pages may be added as necessary) Evaluated by: Eddie M. Guerra Date: 8/26/2012				s. No concerns id	dentified regarding	3			
interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? Ladder tied off, storage barrels judged not a potantial adverse condition. YNU 8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Comments (Additional pages may be added as necessary) Evaluated by: Eddie M. Guerra Date: 8/26/2012							N	U	N/A
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Comments (Additional pages may be added as necessary) Evaluated by: Eddie M. Guerra Date: 8/26/2012	interactions ass equipment, and	sociated with hou temporary instal	sekeeping practi lations (e.g., scat	ces, storage of p ffolding, lead sh	ielding)?	<u>X</u>			
Evaluated by: Eddie M. Guerra Date: 8/26/2012	-						N	U]
Evaluated by: Eddie M. Guerra Date: 8/26/2012	Comments (Addi	tional pages may	be added as nec	essary)					
Enfell		della	& Mhall						
Brian A. Lucarelli Date: 8/26/2012	Evaluated by:	Eddie M. Gue	erra		Date:	8/26/2	2012	_	
Brian A. Lucarelli Date: 8/26/2012		(Fu	HU						
		Brian A. Luca	relli		Date:	8/26/2	2012	_	



Area Walk-By Checklist (AWC)

Area IB-3a

Floor El.

620

Bldg.

IB

Other supporting or relevant documents and photos (if any):



File Name: 1-59-1-1-09.jpeg Description: General view



File Name: 1-60-1-1-09.jpeg

Description: View of containers in the area



Area Walk-B	y Checklist (AWC	E)			Status:	Ŷ	N	U
Area	<u>IB-4</u>	Floor El.	665	Bldg.	<u>IB</u>		_	
This checklist space below es	for Completing Cl may be used to do ach of the followin ace is provided at the	cument the results g questions may be	used to record	the results of judg	ments and fin		•	
					Y	N	U	N/A
	rage of equipment adverse seismic con vinets)?	• •		rily	X			
					Y	N	U	N/A
2. Does ancho degraded co	rage of equipment onditions?	in the area appear	to be free of sign	nificant	X			
					Y	N	U	N/A
raceways an seismic cond conditions o	visual inspection fid HVAC ducting a ditions (e.g., condit f cable trays appean the area were ide	ppear to be free of ion of supports is a r to be inside accep	potentially advented and fill otable limits)?	rse	X			
					Y	N	U	N/A
	ear that the area is is with other equipm				X			

Related equipment on SWEL for this area: 1P42A0001B



Area Walk-By C	hecklist (AWC	()			Status:	Ø	N	U
Area	<u>IB-4</u>	Floor El.	665	Bldg.	<u>IB</u>			
Interaction Effec	ets				Y	N	U	N/A
	t could cause flo	ree of potentially a coding or spray in flood sources.			X	1.		10/21
interactions that Potential Fire Son	t could cause a furces in the Are	ree of potentially a ire in the area? a: Flammable Stor tified regarding fin	rage Cabinets by	IB-406 and in	Y	N	U	N/A
interactions as equipment, and	sociated with ho	Free of potentially a pusekeeping practical allations (e.g., scaladequately support	ces, storage of po ffolding, lead shie		Y	N	U	N/A
		I no other seismic ctions of the equip			Y	N	U	
Comments (Addi	. •	y be added as necessary	essary)		-			
Evaluated by:	Eddie M. G	uerra Ad W		Date:	8/26/2	012	-	
	Brian A. Lu	carelli		Date:	8/26/2	012	_	



Area Walk-By Checklist (AWC)

Area IB-4 Floor El. 665 Bldg. IB

Other supporting or relevant documents and photos (if any):



File Name: 1-59-1-1-11.jpeg Description: General view



File Name: 1-60-1-1-11.jpeg

Description: View of HVAC duct wall penetration

APPENDIX D: COMPONENT LIST FOR ANCHORAGE CONFIGURATION CHECK

Component ID	References	
0G41C0003A	Drawing 18_0019-00000_004	
0G41C0003B	Drawing 18_0019-00000_004	
0H51P0039	Document SP-594, page 3	
0H51P0193	Document SP-594, page 3	
0M23C0001A	Drawing 68-0112	
0M23C0002A	Drawing 68-0112	
0P47B0001A	Drawing 414-046, Auxiliary Plan "K"	
0P47C0001A	Drawing 414-046, Foundation Plan "G"	
0P49D0001A	Drawing 220027-00001_008	
0R24S0020	Document "Class 1E MCC Seismic Qualification"	
1C41A0003	Drawing 413-0237, Equipment Foundation "N"	
1C41C0001A	Drawing 11-017	
1E12B0001B	Drawing 210016-00000_005	
1E12B0001D	Drawing 210016-00000_005	
1E12C0002B	Drawing 210005-00000_004	
1E21C0001	Drawing 190004-00000_005	
1E22C0001	Drawing 200039-00001_000	
1E22S0001	Drawing 417-0067, Foundation Plan "B"	
1E22S0005	Calculation 40:71	
1E51B0002	Drawing 25-0007-00002	
1H51P0871	Document 1-6-7, page 170	
1M39B0001B	Drawings 690157-00000_006, 480326- 00000_002 and 87254-026-54	
1M39B0003	Drawing D-512-021	
1M39B0006	Drawing D-512-021 and D-512-022	
1M43C0001A	Detail D Drawing 517-0024	
1M43C0002B	Detail D drawing 517-0024	
1P42A0001B	Drawing 413-0237, Equipment Foundation "J"	
1P42B0001B	Drawing 414-0046, Foundation Plan "E"	
1P42C0001B	Drawing 414-0046, Foundation Plan "D"	
1P45C0001B	Document SQ-146	
1P57A0003A	Drawing 415-0107, Detail "A"	
1R22S0006-E04	Drawing 058-0596-0000	
1R24S0028	Document "Class 1E MCC Seismic Qualification"	
1R24S0032	Document "Class 1E MCC Seismic Qualification"	

Component ID	References
1R25S0033	Document 1-6-7, page 186-187
1R42S0024	Document 1-6-7, page 92-96
1R43S0001B	Drawing 417-0066, Foundation Plan "A"
1R45C0002B	Drawing 417-0069, Foundation Plan "M"
1R46B0001A	Drawing 570009-00000_004
1R46B0002B	Drawing 570009-00000_004

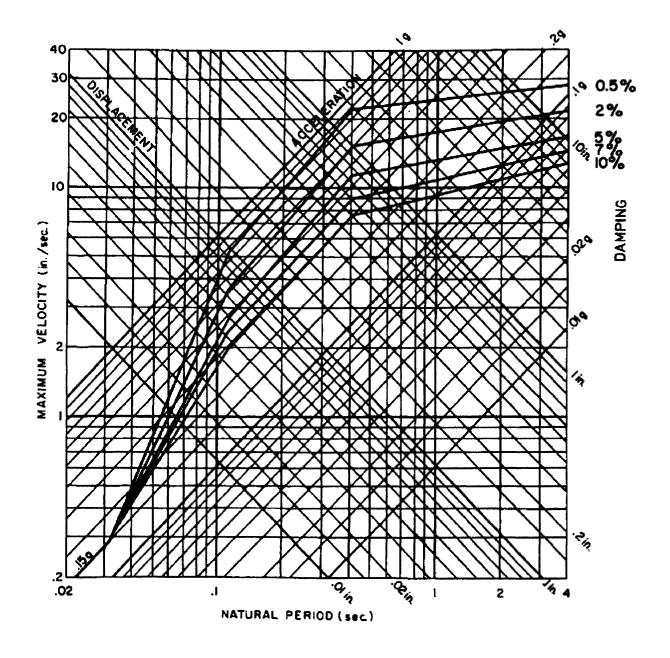
APPENDIX E: PERRY NUCLEAR POWER PLANT SEISMIC INFORMATION (EXCERPTS FROM UFSAR)

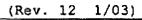
TABLE 3.7-2

METHODS USED FOR SEISMIC ANALYSIS OF CATEGORY I STRUCTURES

Category I Structure	Modeling Techniques for Structures and Foundations	<u>Damping</u>	Method of Analysis
Reactor Building	Lumped masses and half space equivalent soil spring constant	Soil-structure interacted composite model damping	Time history analysis
Auxiliary Building	Same as above	Same as above	Same as above
Control Building	Same as above	Same as above	Same as above
Intermediate and Fuel Handling Buildings	Same as above	Same as above	Same as above
Radwaste Building	Same as above	Same as above	Same as above
Diesel Generator Building	Finite element	Soil-structure interacted composite model damping	Time history analysis
Emergency Service Water Pumphouse	Lumped masses and half space equivalent soil spring constant	Same as above	Same as above
Offgas Building	Finite element	Same as above	Same as above

Revision 12 January, 2003



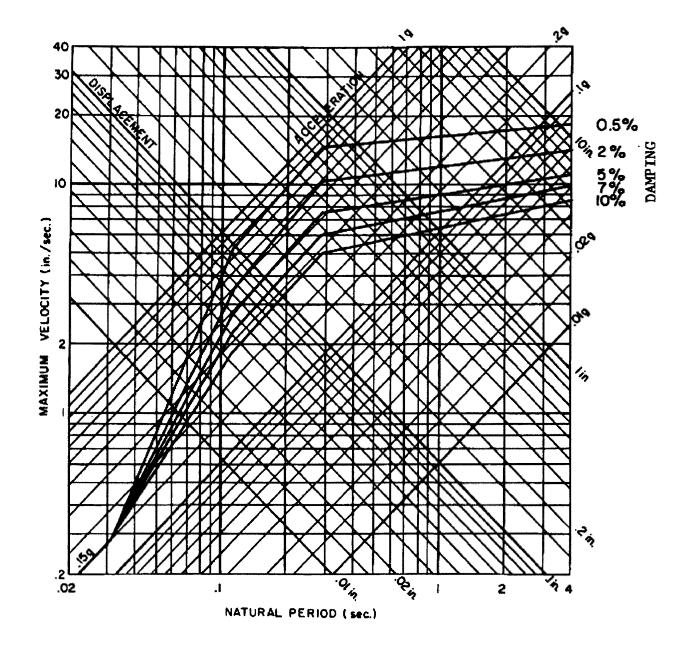


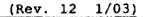


PERRY NUCLEAR POWER PLANT

Safe Shutdown Earthquake Design Response Spectra -Horizontal Motion

Figure 3.7-1







PERRY NUCLEAR POWER PLANT

Safe Shutdown Earthquake Design Response Spectra -Vertical Motion

Figure 3.7-2

APPENDIX F: PERRY IPEEE VULNERABILITIES

ITEM NUMBER		IFIED SPATIAL RABILITY	REFERENCE	RESOLUTION PRESCRIBED	CURRENT STATUS OF RESOLUTION
		Panel P872: one reference table and one drawing rack adjacent to panel	PNPP Potential Issue Form 98- 0036	relocate table and drawings- believe done by time of 98-0036	Not complete- CR 2012- 12331 written; items relocated
		Panel P871- adjacent tables	FCR 24871 for resolution	relocate tables- believe done by time of 98-0036	Complete
		P800: shelves	calc 36:01.3.2.5.16 rev 3	secured at top- inhibited from rolling	Complete
1	Control room spatial issues:	P870: phone stand	PNPP Potential Issue Form 98- 0036	98-0036 states phone stand is not on wheels as originally thought- no overturning-therefore no problem-leave as is	Complete
		P969, P904, P970: shelve units on top of table	calc 36:01.3.2.5.16 rev 3	shelves attached to partition wall to prevent overturning	Complete
		P870:Phone	PNPP Potential Issue Form 98- 0036	phone attached to stand to prevent falling	Complete
		P601: cart and monitor	PIFRA 98-0036- 002	used only during outages	Complete
		P619: stored monitor	PNPP Potential Issue Form 98- 0036 and calc 36:01.3.2.5.16 rev 3	stated not to be on wheels and should not overturn- used during outages	Complete
		P619: cart	PNPP Potential Issue Form 98- 0036	cart removed	Complete
2	Maintenance Test Bench		calc 2.13.9 rev 0	lock wheels	proper bench storage verified
3	Operations Electrical Locker		FCR 024978 and PIFRA 98- 0036-003	move cart	CR 2012-12222 issued; cart moved 8/7/12
4	Switchgear trolleys		PIFRA 98-0036- 003	maintain trolleys in center of bus, hook hoist	trolleys verified in center of busses with hoist hooked in place

Relays Evaluated for IPEEE			
	sen from 1E22-S0 iesel Generator (0001, HPCS Div. 1 Control	
Relay No.	Relay Normal Status	Evaluation	Reason
K1	De-Energized	Chatter Acceptable	Function is not required during the period of strong motion and chatter will not result in this function being available after strong shaking
K2	De-Energized	Chatter Acceptable	Function is not required during the period of strong motion and chatter will not result in this function being available after strong shaking. If the DG is not initially operating, no effect, if it is operating, it may have voltage fluctuations
K7	De-Energized	Chatter Acceptable	Function is not required during the period of strong motion and chatter will not result in this function being available after strong shaking
K9	Energized	Operator Action Required	Operator Action required to reset K15 (Engine Trip Lock Out Relay) CR 2012-12331 written
K10	Energized	Operator Action Required	Operator Action required to reset K15 (Engine Trip Lock Out Relay) CR 2012-12331 written
K11	Energized	Operator Action Required	Operator Action required to reset K15 (Engine Trip Lock Out Relay) CR 2012-12331 written
K12	Energized	Operator Action Required	Operator Action required to reset K15 (Engine Trip Lock Out Relay) CR 2012-12331 written
K14	De-Energized	Operator Action Required	Operator Action required to reset EH13 (DG Breaker) CR 2012-12331 written
K16	De-Energized	Chatter Acceptable	De-energized circuit or indication only, will return to normal after shaking
K18	De-Energized	Chatter Acceptable	Function is not required during the period of strong motion and chatter will not result in this function being available after strong shaking
K28	Energized	Chatter Acceptable	Indication only, will return to normal after shaking
K35	De-Energized	Chatter Acceptable	De-energized circuit
K40	Energized	Chatter Acceptable	Indication only, will return to normal after shaking
K41	Energized	Chatter Acceptable	Indication only, will return to normal after shaking
K42	Energized	Chatter Acceptable	Indication only, will return to normal after shaking
K55	De-Energized	Chatter Acceptable	De-energized circuit
Conclusion from IPEEE			penerator control circuits, thereby not affecting the

Chatter has no significant impact to the HPCS diesel generator control circuits, thereby not affecting the ability for the plant to safely shutdown.

Chatter of the low ruggedness relays is acceptable because the functions of the relay contacts are not required during the period of strong motion and chatter will also not affect availability.

Contacts associated with de-energized circuits AND/OR for indication only will return to a normal state after strong shaking subsides.

Any problematic relays requiring operator action are easily identifiable and can be manually reset.