

Item: 2716184 - CRDR

Problem Identification

WMCRFORM

Item No : 2716184 Unit : Classification : SIGNIFICNT Status : EVALUATE

Type/Sub : CRDR Source Type/Item : Report Date : 6/16/2004

Title : CRDR initiated to provide a Significant investigation of the 06/14/04 loss of off-site power initiating event, specifically the phase C-to-ground fault of the Westwing Liberty line.

Identified By : SONN*EDGAR P Due Date : 07/17/2004 Eval Due Date : 7/17/2004

Resp Group : 9739 SYS ENG ADM Resp Org : SYSTEM ENG ADMIN Assigned To :

Discovery Date/Time : 06/14/2004 07:40 Need Date : Control Rm Review : N

Source Doc / Type : Legacy Item / Type : Attachments : Y

Description : This CRDR is initiated for the significant investigation of the 6/14/04 loss of off-site power initiating event, i.e., the phase C-to-ground fault of the Westwing Liberty line which caused all three units of Palo Verde to trip. The scope of this CRDR should also include the issues with the SRP switchyard (loss of all off-site power), and any other related issues as deemed by management.

Separate CRDRs have been issued for other significant aspects of the event, i.e., Unit 1,2,3 trip events (CRDRs 2715727, 2715709, and 2715659, respectively) and issues with the E-plan response (CRDR 2715749). These significant investigations are being performed in parallel.

Initiation of this CRDR was discussed w/ Paul Mueller, who is the lead investigator for the significant investigation for the initiating fault. Also spoke with U1 STA (T. Gaffney) and he stated that this CRDR does not need Control Room review.

Initiators Suggested Disposition

Added On	Added By	Comment Text
6/16/2004	SONN*EDGAR P	Separate significant CRDR investigation, coordinated with the reactor trip investigations (i.e., w/ Jim Taylor / Jim McDowell).

Handwritten initials/signature

Requirement(s) Violated		
Added On	Added By	Comment Text
6/16/2004	SONN*EDGAR P	Loss-of-Offsite-Power - LOOP event

Recommend Closure:	NO
--------------------	----

Leaders Review			
Added By	Added On	Type	Comment Text
DUTTON*EDWIN C	6/16/2004	LDRS CAUSE	TBD during SIG Root Cause Evalaution.
DUTTON*EDWIN C	6/16/2004	LDRS SUG DISPOSITION	CRDR should be classified SIG and assigned to Steve Coppock for evaluation.
DUTTON*EDWIN C	6/16/2004	LDRS TRANSPORTABILITY	TBD during SIG Root Cause Evalaution.

Design Components										
ID	Name	Q	ASME	EQ	T.S.	Bldg	Room	Elev		
AEMANPL922*522*CKTBRK	NDC - 525KV WESTWING #2 BRKR PL922	NQ R	N	N	?	?	?	0		
AEMANPL925*552*CKTBRK	NDC - 525KV CROSSOVER BKR PL925BETWEEN WW#2 /NANX01 XFMR	NQ R	N	N	?	?	?	0		

Unit/Systems	
System	Name
1-MA-SYS	"MAIN GEN, MB EXCITATION/VLTGE REG, MC MTRL CTRL, MD SRP PLANT MLTPLXR
1-NA-SYS	NON-CLASS 1E 13.8 KV POWER
A-MA-SYS	525KV RUDD LINE

CRC/NRA Requested Action		
Added On	Added By	Comment Text
6/17/2004	DUTTON*EDWIN C	Complete Significant CRDR Investigation, Root Cause Analysis and action to prevent recurrence, and obtain required approvals from CRDR Owner, Senior Management and Nuclear Assurance. ----- Perform Significant Investigation per 90DP-0IP10 Criteria 1a. Senior Manager: M. Winsor NAD Leader: E. Sterling

Attached Media			
Description	Created By	Create Date	Attached Step
>>Significant Guidelines>>	KIDD*RYAN S	06/17/2004	Evaluate

Workflow History Details				
Person	Work Assignment	Action/Status	Date	Comment
KIDD*RYAN S	CRDR GROUP	CLASSIFY	06/17/2004	<no comment provided>
KIDD*RYAN S	CRDR GROUP	CLASSIFY	06/17/2004	<no comment provided>
DUTTON*EDWIN C	8135 PERFORMANCE IMPROVEM	LDR REVIEW	06/16/2004	<no comment provided>
SONN*EDGAR P	8135 PERFORMANCE IMPROVEM	IDENTIFY	06/16/2004	<no comment provided>

Workflow History Details

Person	From Work Assignment	Action/Status	Date	Comment
SONN* EDGAR P		REPORT	06/16/2004	<no comment provided>

Kidd, Ryan S(Z55921)

From: Brutcher, Mark A(Z17480)
Sent: Wednesday, June 16, 2004 11:21 AM
To: Crdr, Soed (CRDR)
Cc: Hodge, Michael F(Z48290); Andrews, George W(Z99748); Hypse, Mark L(V53307); Radspinner, Mark A(Z76778); Smyers, Daniel W(Z89227)
Subject: CRDR 2715667 - Letdown Line Weld Inspection following Unit 1 Trip

FYI. Calculation revision has been prepared and is in the review cycle. CRDR should be classified as Pot. Sig 12 and assigned to Radspinner for MRFF. Following the MRFF determination, the CRDR should be assigned to D. Smyers.

THX MB

-----Original Message-----

From: Berg, Douglas C(Z99542)
Sent: Wednesday, June 16, 2004 10:19 AM
To: Brutcher, Mark A(Z17480); Radspinner, Mark A(Z76778)
Subject: FW: Letdown Line Weld Inspection following Unit 1 Trip

FYI - CRDR #2715667

-----Original Message-----

From: Berg, Douglas C(Z99542)
Sent: Wednesday, June 16, 2004 9:54 AM
To: Brutcher, Mark A(Z17480)
Cc: Morrow, L Alan (Z69013)
Subject: Letdown Line Weld Inspection following Unit 1 Trip

Mark,

The weld inspection of the 1" Butt Weld to the 3" x 1" Swage Fitting near the Purification Filter F36 was found acceptable with no indications per Visual Exam Report #04-250 dated 6-15-04. Inspection was performed by Alan Morrow. This will be documented in a revision to stress calc. 13-MC-CH-508. Reference isometric is dwg. 01-P-CHF-202.

Doug
x5283

Item: 2716184 - CRDR

Problem Identification

WMCRFORM

Item No : 2716184 Unit : Classification : Status : CLASSIFY

Type/Sub : CRDR Source Type/Item : Report Date : 6/16/2004

Title :

Identified By : SONN*EDGAR P Due Date : Eval Due Date :

Resp Group : Resp Org : Assigned To :

Discovery Date/Time : 06/14/2004 07:40 Need Date : Control Rm Review : N

Source Doc / Type : Legacy Item / Type : Attachments : N

Description : This CRDR is initiated for the significant investigation of the 6/14/04 loss of off-site power initiating event, i.e., the phase C-to-ground fault of the Westwing Liberty line which caused all three units of Palo Verde to trip. The scope of this CRDR should also include the issues with the SRP switchyard (loss of all off-site power), and any other related issues as deemed by management.

Separate CRDRs have been issued for other significant aspects of the event, i.e., Unit 1,2,3 trip events (CRDRs 2715727, 2715709, and 2715659, respectively) and issues with the E-plan response (CRDR 2715749). These significant investigations are being performed in parallel.

Initiation of this CRDR was discussed w/ Paul Mueller, who is the lead investigator for the significant investigation for the initiating fault. Also spoke with U1 STA (T. Gaffney) and he stated that this CRDR does not need Control Room review.

Initiators Suggested Disposition

Added On	Added By	Comment Text
6/16/2004	SONN*EDGAR P	Separate significant CRDR investigation, coordinated with the reactor trip investigations (i.e., w/ Jim Taylor / Jim McDowell).

Handwritten initials/signature

Requirement(s) Violated

Added On	Added By	Comment Text
6/16/2004	SONN*EDGAR P	Loss-of-Offsite-Power - LOOP event

Recommend Closure:	NO
--------------------	----

Leaders Review

Added By	Added On	Type	Comment Text
DUTTON*EDWIN C	6/16/2004	LDRS CAUSE	TBD during SIG Root Cause Evalaution.
DUTTON*EDWIN C	6/16/2004	LDRS SUG DISPOSITION	CRDR should be classified SIG and assigned to Steve Coppock for evaluation.
DUTTON*EDWIN C	6/16/2004	LDRS TRANSPORTABILITY	TBD during SIG Root Cause Evalaution.

Design Components

ID	Name	Q	ASME	EQ	T.S.	Bldg	Room	Elev
AEMANPL922*522*CKTBRK	NDC - 525KV WESTWING #2 BRKR PL922	NQ R	N	N	?	?	?	0
AEMANPL925*552*CKTBRK	NDC - 525KV CROSSOVER BKR PL925BETWEEN WW#2 /NANX01 XFMR	NQ R	N	N	?	?	?	0

Unit/Systems

System	Name
1-MA-SYS	"MAIN GEN, MB EXCITATION/VLTGE REG, MC MTRL CTRL, MD SRP PLANT MLTPLXR
1-NA-SYS	NON-CLASS 1E 13.8 KV POWER
A-MA-SYS	525KV RUDD LINE

Workflow History Details

Person	Work Assignment	Action/Status	Date	Comment
DUTTON*EDWIN C	8135 PERFORMANCE IMPROVEM	LDR REVIEW	06/16/2004	<no comment provided>
SONN*EDGAR P	8135 PERFORMANCE IMPROVEM	IDENTIFY	06/16/2004	<no comment provided>
SONN*EDGAR P		REPORT	06/16/2004	<no comment provided>