

Action #	NRC Requester	PV Respondent	Request	Closed With	Request Date	Status
1	Gody	Straka	Phone list of Entrance Attendance roster	Phone numbers provided	06/15/2004	CLOSED
2	Gody	Oakes	Provide Copies of documents requested by N. Salgado Raw Data	Copies provided 6/15/2004 @ 3:30 PM by Vogt	06/15/2004	CLOSED
3	Gody	STA- D. Fan	Trip time lines for all three units(Taylor) and offsite activities (Mueller)	Drafts Provided	06/15/2004	CLOSED
4	Gody	Taylor	Names of crews on shift in all three Units and their availability for being interviewed	All crew members are available until Thursday	06/15/2004	CLOSED
5	Gody	Leake	Copy of the Electric ISO both hard copy and electronic	Closed to #12	06/15/2004	CLOSED
6	Gody	Crozier	Timeline for e-plan activities	Provided	06/15/2004	CLOSED
7	Gody	Straka	90DP-01P06 - provide copy	Copy provided 6/15/2004	06/15/2004	CLOSED
8	Gody & Team	Leake	Preliminary briefing of Offsite failure	Briefing held 6/15/@ 12:30 pm	06/15/2004	CLOSED
9	Skinner	Paramithas	Digital pictures of the failed bell string insulator string, especially any failure areas. If potential sabotage is suspected (or is obvious) such as a	pictures provide hard copy and electronically -6/16/2004	06/15/2004	CLOSED
10	Skinner	Paramithas	Digital pictures of the failed AR relay, especially any failure areas (the open contacts, etc.). Any apparent cause and past maintenance, etc.	pictures provide hard copy and electronically -6/16/2004	06/15/2004	CLOSED
11	Skinner	Paramithas	Traces showing time steps of failures	Not Needed	06/15/2004	CLOSED
12	Gody	Leake	Copies of switch yard and connecting systems schematics- Electronic Copies Provided	Copies provided 6/15/2004 hard copy	06/15/2004	CLOSED

22/2

13	Skinner	Paramithas	3 line diagram for switchyard and Need Hassayampa liberty line/WestWing	Switchyard copies provided -6/16/2004 & Dwg G 33417 sheet 2	06/15/2004	CLOSED
14	Skinner	Paramithas	Breaker Schematic Hassayampa/Liberty/Westwing Typical is OK	Package Provided	06/15/2004	CLOSED
15	Skinner	Paramithas	Breaker Schematic Switchyard Typical is OK Need Electronic Copy	copies provided - 6/16/2004 Electronic Copy Provided	06/15/2004	CLOSED
16	Skinner	Paramithas	Graph(s) of the current flowing through each of the main lines and (hopefully, if available) each phase. West Wing, etc. In other words current vs. time info for the lines out of Palo Verde.	Not Needed	06/15/2004	CLOSED
17	Skinner	Paramithas	The time of the Bay 7 mod implementation.	provided e-mail	06/15/2004	CLOSED
18	Skinner	Paramithas	How many lines and distribution of estimated fault current feeds on Westwing	Not Needed	06/15/2004	CLOSED
19	Gody	Paramithas	Ownership, interface, and maintenance agreements on PVNGS Switch Yard	Not Needed	06/15/2004	CLOSED
20	Skinner	Leake	Any 50.59s on the lines & isophase negative sequence modification	Eval 00-00097 Modify Breaker Switches provided	06/15/2004	CLOSED
21	Koshy	Kesler	NRC meeting with APS Electric System Load Dispatcher Follow Up Meeting 6/18/2004	Meeting Held 6/18/2004	06/15/2004	CLOSED
22	Gody	Taylor	Apparent cause for Unit 2 DG "A"	see #38	06/15/2004	CLOSED
23	Gody	Taylor	List of quarantined equipment	Unit 1 ADV-185 Unit 2 "E" Charging Pump (Released) Diesel "A" Unit 3 Steam Bypass Control Valve 1003 Steam Bypass Control System Cabinet	06/15/2004	CLOSED
24	Gody	Winsor	Product justifying U1 startup with the initiating offsite electrical power lost apparent cause	NRC phone calls and data provided	06/15/2004	CLOSED

25	Skinner	Straka	Electronic copy of Time Line	Still need final copy see #60	06/15/2004	CLOSED
26	Skinner	Cooper	Main Generator 3 line meter and relaying drawing Schematics for trips/alarms	2 copies provided & Electronics	06/15/2004	CLOSED
27	Paulk	Vogt	Sequence of Events for unit trip does not go far enough back. Backup time line for grid issues. Negative Phase sequences sensed in house as a starting point	Provided	06/15/2004	CLOSED
28	Skinner	Leake	Output from digital fault recorder for switch yard See RFI 11. This could be the same.	Provided	06/15/2004	CLOSED
29	Gody	Kidd	Copies of all CRDRs written since & just before the trip.	Copies provided to AIT 6/16/2004	06/15/2004	CLOSED
30	Alter	Lee	Copy of E-Plan table 1 for time to activate ERO. Include who is required to activate. Lee	Provided	06/15/2004	CLOSED
31	Alter	Lee	TSC Diesel operating procedure and PM task with last 2 PM's documentation. Lee	Provided	06/15/2004	CLOSED
32	Alter	Leavitt	Security Diesel operating procedure and PM task with last 2 PM's documentation. (Larry Leavitt)	Item complete, PM not required due to successful test run of DG	06/15/2004	CLOSED
33	Alter	Leavitt	Security Plan for description of Security Diesel and drawing. Leavitt	Documents provided, discussions held to close questions -6/16/2004	06/15/2004	CLOSED
34	Alter	Leavitt	Security procedure for LOP. Leavitt	Procedure provided and discussion held to cover questions - 6/16/2004.	06/15/2004	CLOSED
35	McConnell	Straka	Copies of 13-EMAA 001	Copies provided 6/16/2004	06/16/2004	CLOSED
36	Alter	Leavitt/Lee	Walkdown Diesels Security & TSC	Walkdown 6/16/2004 AM	06/15/2004	CLOSED
37	Gody	Straka	e-mail Status Report - WAPA Liberty/Westwing and SRP Agua Fria/Westwing 230KV lines	Copy provided 6/16/2004	06/16/2004	CLOSED

38	Paulk	Holmes	Briefing on U2 DGA trouble shooting. Was components recently replaced. Previous failures.	Meeting with Holmes/Payne. Failed diode. First time @ PVNGS. OE 1 1996 @ Grand Gulf. Question on whether EWA pump that was sequenced on @ failure time was cause. Jim Moreland stated pump was sequenced on about 3 hours after plant trips and operated satisfactorily.	06/16/2004	CLOSED
39	Paulk	Bolf	Meeting to discuss CH pump E U2 failure. Scheduled @ 12:30	See new questions # 49	06/16/2004	CLOSED
40	McConnell	Banks	Numerous questions on U1 & 3 trip data.	Questions answered during several interviews	06/16/2004	CLOSED
41	Paulk	Oakes	Numerous questions on U2 trip data. Include pressure plots for primary and secondary to determine if safeties lifted.	Information provided. New RFIs for additional information was opened	06/16/2004	CLOSED
42	Skinner	Leake	Walk through 3 line diagrams provided in item 26 above. This will satisfy both Skinner and Negative Sequencing crkt/trip function questions from McConnell	Meeting Holmes 6/17/2004	06/16/2004	CLOSED
43	Skinner	Leake - Kessler	Interconnection agreements &/or Letters of Understanding for managing electric loads in the PV area References 15 & 16 from 50.59 E00-00097	2 Copies provided.	06/16/2004	CLOSED
44	Skinner	Straka - Gregoire	Provide any pending changes to the UFSAR chapter 8	Provided copy	06/16/2004	CLOSED
45	McConnell	Vogt	Scan frequency for PC alarm typer-printer	Provided	06/16/2004	CLOSED
46	McConnell	Vogt	Provide Primary Pressure Plots for all 3 units	Provided	06/16/2004	CLOSED
47	McConnell	Leake	See Item 42 above regarding negative sequencing	Meeting Holmes 6/17/2004	06/16/2004	CLOSED
48	Paulk	Straka	Unit logs 0700-1000 hrs 6/14/2004	copies of all three units provided - 6/15/2004	06/16/2004	CLOSED
49	Paulk	Bolf	Effects of LOOP on CH Pump cooling system, Time pump was run with suction isolated, How long can pump run without suction, & performance testing performed to ensure pump is operable.	Four question response provided by B. Bolf.	06/16/2004	CLOSED
50	Alter	Crozier	1/2 hour delay @ security headquarters during event. Delayed NRC and Operator response?	Issue discussed	06/16/2004	CLOSED

51	Gody	Withers	Did all three unit generators trip on negative sequence signals? Design of system and role in plant trips.	Meeting Holmes 6/17/2004	06/16/2004	CLOSED
52	Skinner	Paramithas	40DP-9OP34 Switchyard Administrative Control	Copy provided	06/16/2004	CLOSED
53	McConnell	Henry	LOOP EOP & Gas Turbine emergency operation	Copy provided	06/17/2004	CLOSED
54	Paulk	Bolf	Operation of Charging pump cooling and suction line up during this type of event	Meetings with STA, Bolf & Radspinner	06/16/2004	CLOSED
55	Paulk	Grigsby	Why was the CH Pump E U2 removed from quarantine list without an operability test or ST?	Meetings with STA, Bolf & Radspinner	06/17/2004	CLOSED
56	Paulk	Samuels/Gouvier	DG Sequencer loading discussion and DG loading calcs	Meeting held 12:30 6/17	06/17/2004	CLOSED
57	Paulk	Payne	DG A U2 total run time	2325 hours	06/17/2004	CLOSED
58	McConnell	Bolf	Letdown fumes U1, fire? Source of fumes	Post walkdown package provided See new 83 & 74	06/17/2004	CLOSED
59	McConnell	Smyers	Game Plan and any results for U1 ADV 185	Game plan provided. Results and apparent cause needed. Residents	06/17/2004	OPEN
60	Skinner	Paramithas	Updated time line for off site events electronic Word Copy	Due Monday or Tuesday AIT Team update electronic timeline provided	06/17/2004	CLOSED
61	McConnell	Vogt	Current bus voltages for all three units	values provided	06/17/2004	CLOSED
62	Paulk	Grigsby	CRDR initiated on log entry on evaluation for not securing RCPs on low amps 6/15/2004 4:00 am	CRDR 2716562 provided	06/17/2004	CLOSED
63	Gody	Taylor	Complete Post Trip data packages for all three units.	Due Monday or Tuesday AIT Team - Copies of all three units sent 6/23/2004 by e-mail Straka to Gody	06/17/2004	CLOSED
64	Paulk	Vogt	Time line of specified equipment in U2	copies provided	06/17/2004	CLOSED
65	McConnell	Vogt	Time line of specified equipment in U1 & 3	Information provided	06/17/2004	CLOSED
66	McConnell	Shanker	LOCV Chapter 15 event numbers vs. U1 & U3 actuals	Copies provided.	06/17/2004	CLOSED
67	Paulk	Straka	What recording systems do we use for Post Trip Data	Data Provided	06/17/2004	CLOSED
68	Paulk	Grigsby	Why didn't OPS follow 40EP-9EO07 when lining up U2 CH pumps	Per Jim Taylor this will be evaluated under CRDR 2716521	06/17/2004	CLOSED
69	Paulk	Gaffney	10 minutes hold up of AO on CH pump U2 recovery. Why ? CRDR 2716521	Tim Heir RP CRDR 2716806 provided	06/17/2004	CLOSED
70	Koshy	Kesler	Meeting on operations interface with APS SRP Transmission	meetings held on 6/17/ and 6/18	06/17/2004	CLOSED

71	McConnell	Coppock	Basis of GT starting for switch yard batteries, dwgs,	Information Provided	06/17/2004	CLOSED
72	Gody	Kidd	CRDRs for Wednesday, Thursday, and Friday	CRDRs provided	06/17/2004	CLOSED
73	McConnell	Bolf	Letdown line isolation failure 201 P/Q	Radspinner held meeting with McConnell on 6/17/2004 Need evaluation of softparts subjected to high temperatures. Residents	06/17/2004	OPEN
74	Alter	Crozier	Potential for Fire response team to be held up during LOOPs in sally port	Meeting held 6/18/2004 with L. Leavitt	06/17/2004	CLOSED
75	McConnell	Radspinner	Potential for RCP Thermal Trip for lift pump motor	Custudio held meeting Thermal Curve provided	06/17/2004	CLOSED
76	McConnell	Clifton	LPSI check valve V217 failure	Meeting Held 6/17/2004	06/17/2004	CLOSED
77	McConnell	Holmes	Magna Blast Breakers S05D/S06K Apparent cause of failure	Schroeder Residents	06/17/2004	OPEN
78	McConnell	Coppock	U3 SBCV 1003 & Cabinet failure Apparent Cause	Coppock briefed McConnell On 6/17/2004. Residents.	06/17/2004	CLOSED
79	Alter	Crozier	interviews results for security access team	Meeting on 6/17/2004	06/17/2004	CLOSED
80	Alter	Crozier	System description of TSC diesel	Meeting on 6/17/2004	06/17/2004	CLOSED
81	Alter	Crozier	Unit 2 Emergency coordinator procedures used on 6/14/2004 - need copy	Meeting on 6/17/2004	06/17/2004	CLOSED
82	Alter	Crozier	Copy of Instructions for SallyPort vehicle arm operations both old and New	Meeting on 6/17/2004	06/17/2004	CLOSED
83	Alter	Crozier	Response report on Smoke seen on the 134 foot valve gallery Scott Dodd to provide	See 74 also. Information provided.	06/17/2004	CLOSED
84	Alter	Crozier	Copy of the revised Auto Dialer procedure	Meeting on 6/17/2004	06/17/2004	CLOSED
85	Skinner	Cooper	copies of one line diagrams of D11 & D12 back to power source and what are power sources to D11 & D12 and panel drawings for D11 & D12	Copies Provided by Cooper	06/17/2004	CLOSED
86	Paulk	Oakes	Unit 2 PMS typer printout 0730 to 0930 4/14/2004	Documents provided, discussions held to close questions - 6/18/2004	06/18/2004	CLOSED
87	Paulk	Oakes	ERFDADS Unit 2 neg Sequencer	Provided	06/18/2004	CLOSED
88	Paulk	Oakes	U2 VCT Level	Provided	06/18/2004	CLOSED
89	Paulk	Coxon	Did AO performing CH Pump U2 alternate suction actions have pages 1&2 of Appendix 10 See #68	Yes, # 68 covers procedure issue	06/18/2004	CLOSED
90	Paulk	Oakes	MAYS14 ERFDADS Reports	Copy provided	06/18/2004	CLOSED
91	Gody	Brutcher	Effect of overflow condition of RCPs on core components	Residents - Copy of Westinghouse letter dated 6/18/2004 "PV04-107" provided to N. Salgado via e-mail	06/18/2004	CLOSED

92	Paulk	Glover	U3 Turbine overspeed Trip: Set points Mech & Electrical overspeed trips, last time overspeed ST performed (E&M), Testing time intervals, Copy of ST	Meeting held 6/18/2004	06/18/2004	CLOSED
93	Paulk	Schroeder	Effect and evaluation of components that were connected & subjected to 67 Hz and plan to evaluate the equipment	AIT Team	06/18/2004	OPEN
94	Paulk	Vogt	Did we have a DNBR trip on Unit 3 versus VOPT	Meeting held Flodin/Vogt/Coppock Had VOPT trip	06/18/2004	CLOSED
95	Paulk	Schroeder/ Flodin	Data that determined 67 hz & the 100 RPM RCP speed over nominal	DFR data for Frequency plot provided CPC Buffer Data for Unit 3 provided for RCP speed	06/18/2004	CLOSED
96	McConnell	Vogt	Magna blast breakers failed to shut from the control room. How many attempts were made to close	S06K 5 attempts to cycle remotely S05D 3 attempts to cycle remotely	06/18/2004	CLOSED
97	McConnell	Holmes	Magna blast breakers- Last maintenance performed	See Engineering White Paper Rev. 1	06/18/2004	CLOSED
98	McConnell	Smyers	5 A/B RK panels in unit 2 were all lite. Apparent cause trouble shooting results	Maner & Reynolds Unregulated power supply caused spiking. Readjust the power supply and possibly do a permanent mod.	06/18/2004	CLOSED
99	McConnell	Flodin	Graph of Plant Power vs RCP RPM	Copy provided	06/18/2004	CLOSED
100	Koshy	Kesler	Could also provide me the frequency and voltage plot of the 500 KV system at the palo verde switchyard. (you gave me hard copy) Please give me an electronic version.	AIT TEAM Electronic version sent via e-mail from Kesler on 6/22/2004	06/22/2004	CLOSED
101	McConnell	Clifton	Provide CRDR 2715768	Copy provided 6/23/2004	06/23/2004	CLOSED
102	McConnell	Clifton	Provide Alarm Response procedure 40AL-9RK2B	Copy provided 6/23/2004	06/23/2004	CLOSED
103	Gody	Straka	Provide copies of the Standard Post Trip reports for all three Units	Copies e-mailed to Gody on 6/23/2004	06/22/2004	CLOSED
104	Gody	Straka	Teleconference for 6/24/2004 topics, Unit 3 SOE up to VOPT Trip and Borg Warner SI check valve seating quesitons	Conference set for 0830 on 6/24/2004 Call completed- additional action RRI to follow	06/23/2004	CLOSED
105	Gody	Straka	Determine if 7/13/2004 is an acceptable date to hold Public Exit of AIT, location TBD	APS finds 7/13/2004 acceptable	06/24/2004	CLOSED
106	Gody	Straka	Need copy of unit trips timelines - e-mail to Tony Gody	Sent via e-mail 6/24/2004	06/24/2004	CLOSED

107	Gody	Straka	Provide latest version of RFI List to AIT Team, conduct call to re-zero list of action items	called AIT - Gody on 6/28/2004 left voice mail Review @1230 6/29/2004 suggested	06/24/2004	OPEN
108	Gody	Straka	Set up teleconference call with Gary Andrews and Dan Holland to discuss Steam Bypass response in Unit 3 - would like call to be held 6/24/2004	Call held on 6/24/2004 at 8:30	06/24/2004	CLOSED
109	McConnell	Hypse	<p>FSAR 10.2.2.3.1.4 Power/Load Unbalance. Associated with the load control unit is a rate sensitive power/load unbalance circuit whose purpose is to initiate control valve fast closing action under load rejection conditions that might lead to rapid rotor acceleration and consequent over speed.</p> <p>I am curious to find out if a power/load unbalance signal occurred, and if the system reacted as expected per the FSAR.</p>		06/24/2004	OPEN

110	Paulk	Hypse	<p>1. In the original (initial) plant configuration what were the power sources for Steam Bypass Control for the preferred (non-vital) power to alternate, and was the alternate power source vital (class) or another non-vital bus?</p> <p>2. Under the Plant mod, the SBCS was changed from ABTs to static switches, were the power sources for the preferred and the alternate changed as well?</p> <p>3. Are all three Units SBCS configurations the same, provide dates when the SBCS ABTs/static switches were installed in all three units?</p>	<p>E-mail sent 6/25/2004. The NORMAL power source at NNND11 (D12) has always been from NNNM13 (M10) and the EMERGENCY from PHAM31 (M32). At one time there was confusion as to which source was more reliable and the units were aligning the panels differently. Some were units had the ABT aligned to the Emergency source while others were aligned to the Normal. After the "Ring-Tailed cat" event in Unit 1 we decided to replace the switches and to align them to the Normal source since PVNGS had experienced several loss of off-site power events to either S05 or S06.</p> <p>2. The sources remained the same but the alignment changed. The Normal source was now the preferred source and the Emergency was the back-up. This change came out of the ring-tailed cat event in Unit 1.</p> <p>3. All the NNND11 and D12 switches have been replaced under DMWO 740601. 1ENND11 DIWO 740602 03/98 1ENND12 DIWO 740603 03/98 2ENND11 DIWO 740604 09/97 2ENND12 DIWO 740605 09/97 3ENND11 DIWO 740606 03/97 3ENND12 DIWO 740607 03/97</p>	06/24/2004	CLOSED
111	Skinner	Straka	e-mail GEORGESG@cs.COM system description of main generator protective relaying scheme	e-mail George a copy of the STM on 6/24/2004 -waiting to see if this meets his needs	06/24/2004	OPEN

112	McConnell	Straka - Powlikowski	<p>(1) it became apparent that the lift oil pumps were replaced with a different model than the original manufacturer. Can you have someone track down the date of the modification?</p> <p>(2) are the lub oil lift pumps to be running to enable the starting of the RCP? more clearly: is the lube oil lift pump an enabling system for the RCP start circuit?</p>	<p>e-mail sent reference FSAR section 5.4.1.3 and included elementary diagram 02-E-RCB-001 date sent is 6/25/2004</p>	06/25/2004	CLOSED
113	Koshy	Kesler	<p>(1) What I requested was the voltage during the event. Could you get me that? Frequency and the voltage?</p> <p>(2) Second subject: Any progress on APS decision to install Zone 2 or ground fault protection between 230 and 500kv at West Wing ?</p>	E-mail sent 6/25/2004	06/25/2004	CLOSED

114	McConnell	Bolf	requesting information with regards to the Unit 2 letdown line.	<p>Mark Brutcher, Doug Berg and myself conducted a conference call with Mr. McConnel to discuss the stress analysis allowables and the max stress that was identified during the analysis for the increased letdown temperature. Mr. McConnell requested, and has been faxed a copy of the current CRDR (#2715667), the applicable pages of the stress calculation, and the ISI inspection reports for the subsequent inspection of the purification filter cask.</p> <p>Mark Brutcher, Doug Berg and myself conducted a conference call with Mr. McConnel to discuss the stress analysis allowables and the max stress that was identified during the analysis for the increased letdown temperature. Mr. McConnell requested, and has been faxed a copy of the current CRDR (#2715667), the applicable pages of the stress calculation, and the ISI inspection reports for the subsequent inspection of the purification filter cask.</p> <p>Date 6/23/2004</p>	06/23/2004	CLOSED
115	Paulk	Payne	DG run time/diode clarification	e-mail forwarded to Gody on 6/25/2004	06/24/2004	CLOSED
116	McConnell	Holmes	Do PVNGS strip loads on the PK bus to meet/extend capacity of the batteries?	No, PVNGS do not strip loads on the PK bus to meet/extend capacity. The batteries are sized to adequately perform the load profile (2 hour) of the worst case scenario for the batteries, provided answer 6/25/2004	06/25/2004	CLOSED
117	McConnell	Holmes - Samuels	Procedure 40EP-9EO10, Appendix 52, page 3 of 23, states "The GTGs can not supply Units 2 and 3 simultaneously but can supply Units 1 and 2 or Units 1 and 3." Tim requested clarification of this statement.	After researching various documents and then talking to John Holmes I was prepared to give my answer to Dave Loveless, however, I was unable to contact him. I left him a voicemail with my name and phone number and that I will contact him on Tuesday(6/29/2004) with the answer to this question.	06/25/2004	OPEN
118						

119						
120						