



SACRAMENTO MUNICIPAL UTILITY DISTRICT ☐ P. O. Box 15830, Sacramento CA 95852-1830, (916) 452-3211  
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NL 88-246

U. S. Nuclear Regulatory Commission  
Attn: J. B. Martin, Regional Administrator  
Region V  
Office of Inspection and Enforcement  
1450 Maria Lane, Suite 210  
Walnut Creek, CA 94596

Docket No. 50-312  
Rancho Seco Nuclear Generating Station  
License No. DPR-54  
NRC OPEN ITEMS

Dear Mr. Martin:

Attached is an updated schedule for NRC Open Item closure. The District will continue to provide weekly updates of the Open Item closure schedule until plant restart.

Please contact me at (209) 333-2935 extension 4913 if you have any questions.

Sincerely,

*Steve L. Crunk*

Steve L. Crunk  
Manager, Nuclear Licensing

cc w/attachments:  
G. Kalman, NRC, Rockville  
A. D'Angelo, NRC, Rancho Seco

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PDR ADOCK 05000312  
P PDR

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Mr. Martin

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NRC OPEN ITEMS SUMMARY STATUS

<u>STATUS</u>	<u>as of</u> <u>11/18/87</u>	<u>as of</u> <u>2/16/88</u>	<u>as of</u> <u>02/23/88</u>
CLOSED	0	78	78
To Be CLOSED by NRC	0	71	71
In NRC Review	28	33	35
In SMUD Review	10	2	3
Actions Incomplete	122	9	9
Justified Post-Restart	0	29	29
	—	—	—
TOTAL	160	222	225

CLOSED

23-Feb-88

NRC01#	J	CCTS #	Resp Dept	Forecast	Description
8201X0			CLOSED		(IR 87-39) Missed fire watch
840102			CLOSED		(IR 88-01) Waste Gas Tank monitor in service
841103			CLOSED		(IR 87-46) Met. Program
850402			CLOSED		(IR 87-45) Design change & commitment review program
850501			CLOSED		(IR 87-33) Emerg Plan current
8514P			CLOSED		(IR 88-03) Valve actuator weights
8523P			CLOSED		(IR 88-03) Zero shift due to process pressure for Rosemont
852602			CLOSED		(IR 87-33) Off site improvement items EPIC 860179
852811			CLOSED		(IR 87-42) Installation of R15017A & R15017B
860602			CLOSED		(IR 87-33) Annual command and control training
8610L0			CLOSED		(IR 87-36) CRTS work
861402			CLOSED		(IR 87-46) Failure to maintain E. Plan & proc's per TS 6.8.1
861403			CLOSED		(IR 87-46) EP training deficiencies
861513			CLOSED		(IR 87-42) Bioaccumulation factor of cesium
8616L2			CLOSED		(IR 88-03) Repaint or replace indicator lens clips
861702			CLOSED		(IR 87-30) Calib. non Tech Spec safety-rel. inst's
861807			CLOSED		(IR 87-39) Reanalysis of drainage in TSC after FP actuation
8620P			CLOSED		(IR 88-03) EDL susceptibility of Foxboro instruments
8622L1			CLOSED		(IR 87-42) Rad monitors
8623P			CLOSED		(IR 87-36) Thrust bearings in MSIVs
8628L0			CLOSED		(IR 87-42) Replace victoreen rad monitors
8628P			CLOSED		(IR 87-37) Manual Contromatics jackscrew
8629L2			CLOSED		(IR 87-42) Root cause analysis of LER
8630L0			CLOSED		(IR 87-45) Revise A.5B & review auto close interlocks
863205			CLOSED		(IR 87-27) Install card readers
863206			CLOSED		(IR 87-46) Revision of EPIP-5010
863701			CLOSED		(IR 88-01) PASS system operability
863702			CLOSED		(IR 87-42) Perform surv. on CR/TSC filtering system
864106			CLOSED		(IR 87-29) Procedures to verify backup bottle air pressure
864108			CLOSED		(IR 87-29) EQ of excess flow check valves in EFIC sensing li
864122			CLOSED		(IR 87-29) Eval. need for thermal overload protection for MO
864125			CLOSED		(IR 87-29) Remove obsolete engineering calculations
864142			CLOSED		(IR 87-29) Original concern addressed.
870201			CLOSED		(IR 87-46) EP training concerns
870202			CLOSED		(IR 87-33) Security contingency plan training
8702L0			CLOSED		(IR 87-39) Procedures for fire in control during cold S/D
8703P			CLOSED		(IR 88-03) Battery Ground Detector ITE 27B relay problem
870504			CLOSED		(IR 88-01) Trng of radiation tech's and QC inspectors
870607			CLOSED		(IR 87-30) Root cause analysis
870608			CLOSED		(IR 88-03) Safety analysis, CRTS self checking program
870704			CLOSED		(IR 87-35) Quals trng for security compliance auditor
870706			CLOSED		(IR 87-35) Complete security work on D6 bldg prior to restar
8708P			CLOSED		(IR 88-03) GE HFA relay armature binding
8709L1			CLOSED		(IR 88-01) Revise proc's associated with RCS leak detection
8710L0			CLOSED		(IR 87-39) Modify current elect. design of RCS high pt vents
8712L1			CLOSED		(IR 87-39) Issue RSAP 1301 & AP.303.01 and supplement LER
8713L0			CLOSED		(IR 87-36/39) Redundant instr cables in same fire area
8714P			CLOSED		(IR 88-03) Potential defect in Delaval D6 air press. reg.

CLOSED

23-Feb-88

NRC01#	J	CCTS #	Resp Dept	Forecast	Description
871501			CLOSED		(IR 87-39) Eval of design discrepancies in fire alarm annunc
871502			CLOSED		(IR 87-39) Schedule for completion of Fire Pump action items
871504			CLOSED		(IR 87-39) Reportability of 15 deficiencies
8715L1			CLOSED		(IR 87-39) REVISE AP.30
8717L0			CLOSED		(IR 87-37) Revise USAR to eliminate discrep. w/10CFR50 App.
871801			CLOSED		(IR 87-35) Install covers on toggle switch
8718L0			CLOSED		(IR 87-42) Waste Gas O2 concent. surv. not performed
871901			CLOSED		(IR 87-46) Respond to QA on Open Items
872008			CLOSED		(IR 88-03) Revise M.308
872202			CLOSED		(IR 88-01) Tabulated limits for air particles
872203			CLOSED		(IR 87-42) Eval of anomaly w/TLD program
8723L1			CLOSED		(IR 87-37) G&W total neutron pwr RPS signal not isolated
872602			CLOSED		(IR 87-42) Source checks not performed on liq rad monitor
872603			CLOSED		(IR 88-01) Independence of KHUT samples
872604			CLOSED		(IR 88-01) Liq rad release monitor setpoint calculation
872605			CLOSED		(IR 88-01) Failure to post Rx vessel head stand as high rad
872606			CLOSED		(IR 88-01) Failure to perform rad surveys as required by TS
8726L0			CLOSED		(IR 87-36) Intermixed cables
873001			CLOSED		(IR 88-03) Design verification review
8730L0			CLOSED		(IR 87-42) Training of QPs Dept planners
873202			CLOSED		(IR 87-47) EOPs
873204			CLOSED		(IR 87-47) Audits on EOPs in accordance with QA manual
873205			CLOSED		(IR 87-47) evaluate the licensee's review program
873206			CLOSED		(IR 87-47) Incorp. of cooldown proc's into PGP,
8735L0			CLOSED		(IR 87-37&4) IIRG investigation, missed continuous fire watch
8736L1			CLOSED		(IR 88-03) Bearing cooler blockage
8738L0			CLOSED		(IR 88-03) Isolation of dhs pump suction valve
8747L0			CLOSED		(IR 88-01) Continuous purge sample
188701			CLOSED		(IR 87-45) Thinning of pipe walls
1N8708			CLOSED		(IR 87-30) Degraded motor leads, Limitorque DC oper's

TO BE CLOSED BY NRC

23-Feb-88

NRC01#	J	CCTS #	Resp Dept	Forecast	Description
851401			TO CLOSE		(IR 87-37) Rockbestos cable
8516L2			TO CLOSE		(IR 88-06) CRTS
860703			TO CLOSE		(WAGNER) HVAC System restart program
860805			TO CLOSE		(IR 87-44) Battery Master Tracking Item
861302			TO CLOSE		(IR 88-06) System walkdown verifications
8621L3			TO CLOSE		(IR 88-06) Submit 10 year ISI Plan to the NRC
863703			TO CLOSE		(BECKMAN) Location of rad monitor
864101			TO CLOSE		(IR 87-40) Test at 10% power, Quick restart of AFWPT
864107			TO CLOSE		(IR 87-40) MFW startup control valves
864109			TO CLOSE		(DYER) Eval. of training/proc's for response to EFIC sen lin
864111			TO CLOSE		(DYER) A.61 enhancements
864112			TO CLOSE		(DYER)
864113			TO CLOSE		(DYER) Local indication of certain Westinghouse 480V breaker
864114			TO CLOSE		(DYER) Proc. enhancements for monitoring DC cntrl pwr for 41
864128			TO CLOSE		(DYER) Procedure for calib of CST level instrument
864130			TO CLOSE		(DYER) Testing of AFW system
864131			TO CLOSE		(DYER) Provide contingencies for low battery room temp's
864133			TO CLOSE		(DYER) IN REVIEW(Establish AFW Pump motor start time limits)
864134			TO CLOSE		(DYER) AFW Pump runout procedure training
864136			TO CLOSE		(IR 87-40) Corrective maintenance procedures
864139			TO CLOSE		(IR 87-40) QA Surveillance Program
870301			TO CLOSE		(IR 88-05) Revise response to NOI 87-03-01
870303			TO CLOSE		(IR 88-05) Findings of B&W report
870304			TO CLOSE		(IR 88-05) Failure to positively identify welds
870605			TO CLOSE		(IR 88-06) Warehouse shelf life items not reviewed or remove
870701			TO CLOSE		(IR 88-04) Improvements to vital area exit doors exit button
870702			TO CLOSE		(IR 88-04) Posting locations and door numbers in vital areas
870703			TO CLOSE		(IR 88-04) Telephones not located by doors in vital areas
870710			TO CLOSE		(IR 88-04) Alarm system on Tank Farm fence
870712			TO CLOSE		(IR 88-04) Locking bolt on vital area doors
870714			TO CLOSE		(IR 88-04) Exposed wiring in vehicle search area
870717			TO CLOSE		(IR 88-04) Localized intelligence units in vital areas
870720			TO CLOSE		(IR 88-04) Strobe and alarm on new fence
8709P			TO CLOSE		(P. QUALLS) Square D Co general purpose relay failed to open
871101			TO CLOSE		(IR 88-06) Failure to meet commitments
8714L0			TO CLOSE		(IR 88-06) Issue SP.224 incorp. TCN 87-0588 to SP.214.02
871503			TO CLOSE		(IR 87-49) Fire protection staffing
871601			TO CLOSE		(IR 88-06) ISI procedures for stroke testing
8716L0			TO CLOSE		(JOHNSON) Scheduling WR's for cable work
871802			TO CLOSE		(IR 88-04) IEIN 87-11, Review for applicability
871803			TO CLOSE		(IR 88-04) Input supervisory data into security computer
872002			TO CLOSE		(IR 87-44) Electrical cable separation
872003			TO CLOSE		(IR 87-44) Outstanding drawing change notices
872004			TO CLOSE		(IR 87-44) TDI building work concerns
872005			TO CLOSE		(IR 87-37) Resize terminal box and rework cables
872101			TO CLOSE		(IR 88-06) DC of cable pulls
872102			TO CLOSE		(JOHNSON) Cable capacity in overfilled raceways
8721L0			TO CLOSE		(IR 87-44) P2R heater damage

TO BE CLOSED BY NRC

23-Feb-88

NRC01#	J	CCTS #	Resp Dept	Forecast	Description
8725L0			TO CLOSE		(IR 88-06) DHR relief valves
872901			TO CLOSE		(IR 87-40) SFAS signal to NSCW pumps
872902			TO CLOSE		(IR 87-40) EDG GEB room fire door
872903			TO CLOSE		(IR 87-40) Drain for EDG rooms 8EA & 8EB
872904			TO CLOSE		(IR 87-40) Starting air for new EDGs
872905			TO CLOSE		(IR 87-40) Compressor rating vs. EDG air system
873002			TO CLOSE		(IR 87-44) Verify SSR functions
873003			TO CLOSE		(MEYERS) PMT program
8731L1			TO CLOSE		(IR 88-06) Visual inspection of H2 Purge System
8733L0			TO CLOSE		(IR 87-49) (Fire watch missed)
8734L0			TO CLOSE		(IR 87-44) Verify info in MEL, post restart
873502			TO CLOSE		(IR 88-04) Card reader tests
873506			TO CLOSE		(IR 88-04) Training on bomb searches
873510			TO CLOSE		(IR 88-04) Overcheck system for security changes
873511			TO CLOSE		(IR 88-04) Revise method of issuing handguns
8737L0			TO CLOSE		(QUALLS) MUT level violation
873901			TO CLOSE		(IR 87-49) RCP Lube Oil System overflow
873903			TO CLOSE		(IR 87-49) QA program for fire protection
8741L0			TO CLOSE		(IR 87-44) Potential NSCW pump trip-root cause
8742L0			TO CLOSE		(IR 87-44) Blue Ribbon connectors -root cause
8L8522			TO CLOSE		(IR 88-06) Insulation on RCS evaluation
8L8605			TO CLOSE		(IR 88-06) Auto trip of RCP's - VSM curves
872906			TO CLOSE		(IR 87-40) Warehouse materials review



NRC01#	J	CCTS #	Resp Dept	Forecast	Description
8026T0			NRC		IN REVIEW (Offsite Dose following CTSG tube leak)
8309X6			NRC		IN REVIEW (Thermal shields in H2 monit. system hangers)
8513P			NRC		IN REVIEW (needed to close easter tracking no.)
861501			NRC		IN REVIEW (Surv. procedures to implement 10CFR50 App. I)
861503			NRC		IN REVIEW (failure to report isotopes in effluents)
861505			NRC		IN REVIEW (Failure to limit liq. eff. dose)
861509			NRC		IN REVIEW (Failure to implement and maintain liq. effl. proc)
8617L0			NRC		IN REVIEW (Testing EDG, 1 for each of 4 safety buses)
861805			NRR		IN REVIEW (Piping classification)
861806			NRR		IN REVIEW (Piping classification)
861810			NRC		Abstract of IST Program performed 1985
8624L0			NRC		IN REVIEW (AC vital power buses modification)
8625L1	J	T861229202	NRC		IN REVIEW (Procedures/trending for spent fuel pool leakage)
863001			NRC		IN REVIEW (Troubleshooting program)
863204			NRC		IN REVIEW (Monitoring for Rad contamination)
8702P			NRC		IN REVIEW (GE relays by Delta controls)
870302			NRC		IN REVIEW (Findings of BAW report in response to 87-03-02)
870501			NRC		IN REVIEW (Management support to REMP QA Program)
8706L2			NRC		IN REVIEW (MOV Final Report)
870705	J	T870506305	NRC		IN REVIEW (Complete relocation of security antenna)
872066			NRC		IN REVIEW (Analysis to support the design of the raceway sys)
872201			NRC		IN REVIEW (Field surv. of ALARA program)
8722L0			NRC		IN REVIEW (EDG A Jacket water leak)
872401			NRC		IN REVIEW (DG spare jacket cooling water pump concerns)
8727L0			NRC		IN REVIEW (RFS shutdown bypass keys used)
8729L0		T870616107	NRC		IN REVIEW (Fire protection deficiencies)
873004			NRC		IN REVIEW (Short stroking MOVs)
873201			NRC		The inspector will review change in tech guideline
873203			NRC		IN REVIEW (Renew emphasis on five EOP rules)
873507		T871231107	NRC		IN REVIEW (Post guard in south area of tank farm)
873508		T871231108	NRC		IN REVIEW (Post guard to observe north and east tank farm)
873509		T871231109	NRC		IN REVIEW (Post guard to observe diesel bldg vital areas)
874261		T880113001	NRC		IN REVIEW (Core Damage Assessment Procedure)
189702			NRC		IN REVIEW (Fastener testing)
T11573			NRC		IN REVIEW (MOV Final Report)

## IN SMUD REVIEW

23-Feb-88

NRCOI#	J	CCTS #	Resp Dept	Forecast	Description
873704			QA	03/03/88	IN REVIEW (weaknesses in the corrective action program)
874702			QA	02/23/88	IN REVIEW (Review EOP/TBD Comparison document)
873301			LIC	03/04/88	IN REVIEW (Improvement items from May 1987 drill)

## INCOMPLETE ITEMS

23-Feb-88

NRCOI#	J	CCTS #	Resp Dept	Forecast	Description
860701		T871106019	CO	02/29/88	NEED OPERATIONAL READINESS ASSESSMENT
8626L0		T861212303	LIC	02/26/88	Incident analysis, tripping bistable error
8626L0		T861212305	LIC	02/26/88	NEED LER REV, SFAS tripping bistable error assumptions review
872001		T870925021	ENGR	03/01/88	Lack of root cause determ. for engine vibration
872007			LIC	02/24/88	NEED CAR 5 (Qual of records Silteap and Fiberfrax tape).
872402		T880126005	TRNG	03/01/88	Remote shutdown panel testing
8724L0	J	T870402307	ENGR	02/26/88	IN REVIEW (CRTS to recalc weight of raceway) QA concerns
873701		T880216003	SURV	RESTART	Correct identified deficiencies prior to restart, IFI
873701		T880216001	LIC	03/11/88	Respond to NOV, Failure to follow maint WR instr
873702		T880216001	LIC	03/11/88	Respond to NOV, Failure to follow QA procedure



## POST RESTART ITEMS

23-Feb-88

NRC01#	J	CCTS #	Resp Dept	Forecast	Description
842701	J	T870306329	TRNG	03/31/88	Staff training, Rad Waste storage facility
852808	J	T861106426	ENGR	07/01/89	Rx bldg purge flow rate measuring device, R-15044
8614P	J	T861106289	PERF	05/01/88	Auto sprinkler Model C deluge valve fails open
870707	J	T870506307	SECURITY	TBD	Site lighting improvements
870709	J	T870506309	ENGR	12/31/88	Upgrade barriers in vital areas 9,10,12,13,14
870713	J	T870506313	ENGR	12/31/88	CAS/SAC mods to reduce noise
870715	J	T870506315	ENGR	01/01/89	Alarm info lost during dual computer failures
870716	J	T870506316	ENGR	12/16/88	Allow CAS to open main gate in emerg condition
870718	J	T870506318	ENGR	10/30/88	Electronic system to detect badges leaving site
870719	J	T870303300	ENGR	12/31/88	Alarm system on new security fence
870802	J	T870916347	CHEM	04/01/88	Implement chemical control program
871402	J		LIC	06/01/89	Silicone sealant
872204	J	T870919004	RP	06/23/88	TLD System capability to accurately measure non-penetrating
872601	J	T871228002	OPS	03/10/88	Hose connections on filtration/exchange canisters
872701	J	T871229002	EP	02/28/88	Examine Nov.87 exercise
872702	J	T871229003	SECURITY	03/01/88	Inconsistent elimination of radio transmissions
873501	J	T871231101	SECURITY	06/01/88	Reduce turnover rate
873503	J	T871231103	SECURITY	04/15/88	Test & maint. of explosive detector
873504	J	T871231104	SECURITY	04/15/88	Test of alarms on vital area penetrations
873505	J	T871231105	SECURITY	04/15/88	Test procedure for total loss of power
873902	J	T880104002	TRNG	10/01/88	Fire brigade training-post restart
874202	J	T880113002	ENGR	04/01/88	Ability of WRGM to quantify Iodine
874203	J	T870505001	ENGR	06/15/88	Label process & eff. monitoring sample skid valves
874203	J	T870505002	ENGR	06/01/88	Label process & eff. monitoring sample skid valves
874301	J	T880125001	EP	06/30/88	HPSEP to send sample to contract lab.
874701	J	T880126001	OPS	06/30/89	Control of Comparison Document
874701	J	T880126002	OPS	06/30/89	Include Engr. in interdisciplinary review of EOP chg.
874703	J	T871218101	OPS	06/30/88	Review EOPs and Writers Guide
IN8698	J	T861212307	EP	02/25/88	Offsite Med service