



STATUS OF LRS RECOMMENDATIONS

REV. 20

AUGUST 23, 1985



SMUD

SACRAMENTO MUNICIPAL UTILITY DISTRICT

YOUR ELECTRIC SERVICE

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Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
BGM-1	The General Manager should be given an employment contract for a period of two or three years to reduce continuing tensions that result from the "pleasure of the Board" tenure	Complete	-	05-03-85	Mattimoe	The SMUD Legal Department has advised us that an employment contract for the General Manager is illegal. This item is considered closed.
BGM-2	Establish as soon as possible a written set of performance appraisal guidelines or objectives for the General Manager for joint General Manager/Board agreement	Complete	-	05-21-85	Mattimoe	Guidelines have been prepared and reviewed by GM and approved by the Board.
BGM-3	Prepare annual General Manager performance reviews in writing and present them to him as the consensus of the Board. Performance reviews must be objective and measured against clear performance criteria	Complete	-	05-21-85	Mattimoe Board	Guidelines have been prepared and reviewed by GM and approved by the Board.
BGM-4	Clarify the Board/General Manager working relationship in writing	Complete	-	05-03-85	Mattimoe Board	Document delineating these relationships completed.
BGM-5	Establish in writing what reporting is desired by the Board from the General Manager	Complete	-	05-03-85	Mattimoe	Mr. Mattimoe coordinating with Don Martin to prepare a document for review. Due April 15
BGM-6	Recruit at least one senior experienced outsider at the level reporting directly to the General Manager	Complete	-	07-15-85	Mattimoe	Deputy General Manager hired.
BGM-7	Reduce the number of people reporting directly to the General Manager to 6 or 7	Complete	-	05-13-85	Mattimoe	See Attachments 2 and 3.
BGM-8	Increase the span of control of AGMs from 3 or 4 to 6 or 7	Complete	-	05-13-85	Mattimoe	See Attachments 2 and 3.
BGM-9	Planning should be initiated between the General Manager and the Board for the training and development of an individual to replace the General Manager when he retires	Complete	-	05-10-85	Mattimoe Board	Deputy General Manager hired.
BGM-10	The title of Chief Engineer should be reassigned from the GM to an appropriate AGM	Complete	-	02-07-85	Mattimoe	See Attachment 4.
BGM-11	The Executive Director, Nuclear should be retitled an Assistant General Manager to clearly reflect the importance of the nuclear operation	Complete	-	03-28-85	Mattimoe	See Attachments 2 and 3.

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
BGM-12	Establish a suite of at least two offices on the fourth floor of the headquarters building with secretarial services, phones, desks, conference tables, etc. for Board members to use at their convenience	Complete	-	05-06085	Mattimoe	Permanent office established on fourth floor.
BGM-13	Establish a budget for the Board to be administered and controlled by the Board President with no requirement for GM approval of either the budget or expenditures	Complete	-	05-13-85	Wilcox	Mr. Wilcox, President of the Board of Directors, will develop with Mr. Carr, Chairman of Budget Committee. Budget approved 5/13/85 Board Meeting.
BGM-14	Establish a department reporting directly to the GM to handle Public Information, Board Liaison and Local, State and Federal Government Affairs. The Board Liaison would include providing administrative (e.g., budget, schedule, clerical, meeting arrangements, etc.) support and assisting the GM in timely delivery of information	Complete	-	02-07-85	Mattimoe	Function established.
BGM-15	The Board members should attend American Public Power Association (APPA) Policy Maker Workshops similar to the one conducted March 1, and 2, 1984 which covered legal responsibilities, Board/Management interfaces, Board member authority and responsibility, Utility Financing Operations and Planning	Complete	-	05-03-85	Mattimoe Board	Reservation made for all Board Members for 1985. See Attachment 6.
BGM-16	Constituent or other complaints to Board members should be passed on to the staff in a neutral fashion for staff investigation	Complete	-	05-03-85	Wilcox	The President of the Board of Directors has developed with the existing Board an unwritten procedure on how to handle these items with the Staff. It is recommended that annually the new President develop this relationship with the Board and the General Manager.
BGM-17	Complex items requiring staff evaluation brought to Board meetings from the public should be submitted to the staff for comment and evaluation before Board comment	Complete	-	05-03-85	Wilcox	The President of the Board of Directors has developed with the existing Board an unwritten procedure on how to handle these items with the Staff. It is recommended that annually the new President develop this relationship with the Board and the General Manager.
BGM-18	The GM should solicit and the Board should provide written comments regarding AGM performance to the GM on an annual basis	Complete	-	05-21-85	Mattimoe Board	Performance guidelines for Annual Reviews have been adopted by the Board.

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
OM-1	Departments reporting to each AGM should be based on similar or complementary functions	Complete	-	04-01-85	Mattimoe	See new organization chart.
OM-2	Consideration to be given to reorganizing nuclear organization	Implement	07-01-85	08-15-85	Rodriguez	Managers to submit schedules for implementation. New organization developed and being implemented with exception of construction and startup.
		Develop	08-07-85	09-30-85	Rodriguez	Construction and startup phases under development.
OM-3	Program of goals and objectives to be amplified and strengthened; accountability for supporting over-all goals to be required at all organization levels	Develop	08-01-85	08-15-85	Rodriguez	1986 goals and objectives to be submitted for review by 1985.
OM-4	Develop and implement District-wide succession planning program	Complete	-	04-04-85	Mattimoe	Refer to JJM Letter 04/04/85.
OM-5	Develop and implement improved recruitment of key personnel program	Appraisal	07-29-85	08-30-85	Rodriguez	Request Personnel Dept. to do appraisal of present hiring program.
OM-6	Adopt long range goal of eliminating contractor forces from nuclear operation with program to accomplish developed goal	Implement	05-13-85	Open	Rodriguez	Goal to eliminate all contractor personnel who are doing tasks which have duration of 5 years or greater. An annual appraisal will be done to measure progress against department plans.
OM-7	Reevaluate requirements for ECP approval of engineering promotions and professional licenses for senior engineers	Complete		06-05-85	Mattimoe	Professional registration no longer required but optional. ECP does not approve promotions.
OM-8	Audit C/A such as PAS/SALP reports to be thorough, substantive and carried through to completion	Appraisal	07-29-85	10-01-85	Schwieger	LGS to develop appraisal plan for implementation of this item.

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
OM-9	Internally generated analysis or evaluations of trends; incidents or accidents to be thorough and objective in definitive recommendations as well as prompt and effective corrective action	Implement	05-23-85	Open	Schwieger	LGS to develop appraisal plan to evaluate implementation of this item.
OM-10	Implement a sound accident prevention program with added incentive of getting line managers, supervisors and foremen out into the work place frequently	Implement	03-12-85	Open	Schwieger Keilman Oubre'	LGS to develop appraisal plan to evaluate implementation. This appraisal should include interviews with site personnel.
OM-11	Number of standing committees should be reduced significantly: AGMs or Dept Mgrs should be limited to no more than 3 committees	Complete	-	05-14-85	Mattimoe	Standing committees reduced by approximately 2/3.

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
E-1	NED engineering to expedite departmental procedures and concurred with by Nuclear Ops. Executive Director, Nuclear to play strong role in discussions to assure timely resolution of issues and clear understanding by complete nuclear organization of how Rancho Seco engineering process is to function	Complete	-	06-25-85	Keilman	The NEPs have been issued as a living document with the intent that revisions will be issued to individual procedures as required.
E-2	Consider rotating Sr. nuclear personnel between NOD and NED	Develop	08-01-85	10-01-85	Rodriguez	Senior nuclear personnel will be rotated after refueling.
E-3	Develop plans to remove design engr. function from maintenance engineering organization as soon as NED can obtain or develop engineers with plant experience	Complete	-	05-06-85	Rodriguez	The origin of this comment was the feeling that engineering was being done without proper review. A review of the Administrative Procedures and Quality Program shows that in fact all design changes do receive proper engineering review. In addition, a program has been developed to hire and rotate new engineers through Maintenance operation and QA prior to reviewing a final engineering assignment.
E-4	Expedite training of engineers and technical managers; especially on Rancho Seco plant systems	Complete	-	05-03-85	Oubre' Schwieger	1985 schedule initiated and training started.
E-5	Promptly fill key personnel vacancies; especially maintenance I&C, NED electrical/I&C and cost control	Complete	-	06-14-85	Keilman	All key engineering positions for 1984 have been filled. In addition, B. Kumer, Senior Electrical Engineer, and R. Pate, Associate Electrical Engineer (I&C) have been hired for 1985 positions.
E-6	Carefully monitor elimination of existing backlog of "yellow" drawings to assure a timely schedule is maintained	Complete	-	05-03-85	Keilman Oubre' Schwieger	A monthly management report used for monitoring the schedule is being prepared and reviewed by the Nuclear Management Team.

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
L-1	Aggressively fill vacancies in the licensing group with experienced licensing engineers	Complete	-	04-22-85	Dieterich	Only one licensing engineer vacancy. Pursuing filling same.
L-2	SMUD should consider consolidating licensing function under one manager	Complete	-	02-07-85	Rodriguez	Compliance and licensing will not be put under one manager.
L-3	NORC group should be increased by at least one or two nuclear engineers with additional clerical help	Develop	03-28-85	12-31-85	Oubre'	Reg Compliance Supv to review workload; one engineer added and additional clerical support provided. Staff required, position description and budget (1986) by end of 1985.
L-4	Use of associate engineer to take PRC minutes to be reviewed with option of having dedicated clerical support and upgraded word processing	Complete	-	04-29-85	Oubre'	Manager of NO to review if additional help is required and WP equipment purchased. Associate Engineer vital to technical continuity and assistance to chairman. Upgraded word processing completed.
L-5	Increased management emphasis on commitment tracking and timely submittals to NRC	Appraisal	07-15-85	11-01-85	Schwieger Keilman	NRC CCL complete, responsibility of Nuclear Licensing Department. Appraise effectiveness of NRC CCL for success in getting NRC submittals on time. Appraise effectiveness of CCL closeout program for getting items off the list.

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
OP-1	Develop and implement mandatory management/supervisory training program for all personnel promoted or hired into operations supervisory positions	Develop	03-28-85	10-01-85	Oubre'	Part of program developed and implemented.
OP-2	Develop expedited procedure for six shifts	Implement	04-01-85	03-01-86	Oubre'	Personnel required for six-shift rotation now available. However, implementation of six-shift rotation will be delayed until first quarter 1986 in order to increase the level of newly licensed operators.
OP-3	Develop and implement extensive and detailed procedure review program to determine what procedures need revision or require new procedures	PAR	05-06-85	10-01-85	Oubre'	We will obtain information to determine the validity of our present operating procedures. The validation process will be complete by 9/30/85. Ref. EQC 85-588.
OP-4	Develop list of critical drawings required for operation, expedite revision and eliminate use of uncontrolled drawings when completing critical plant operations	Appraisal	10-01-85	11-01-85	Oubre'	List developed to eliminate use of uncontrolled drawings in CR. Other controlled drawings are now maintained in the control room (August 15, 1985).
OP-5	Develop methodology of conducting independent review of operational errors; establish management system that assures delegation, authority, responsibility and accountability at individual level	Implement <u>Root Cause</u> Develop on Lessons Learned	07-01-85 08-01-85	08-12-85 09-01-85	Oubre'	Root cause program implementation and lessons learned program development and implementation.
OP-6	Consider expanding use of STA function into more plant activities including abnormal tag engineer signoff	Complete	-	05-03-85	Oubre'	STAs are trained in different discipline; no change in abnormal tag procedure. The new tag procedure deemed appropriate for plant use.
OP-7	Study benefits of developing a totally integrated planning and scheduling organizational concept	PAR	05-06-85	01-01-86	Oubre'	Study is underway (see MA-2 and PS&OM-3). Study and the implementation plan for any changes identified by the study to be complete by 12/1/85.
OP-8	Expedite use of large room adjacent to control room	Complete	-	06-01-85	Oubre'	Rearrangement of former office area is underway.
OP-9	SMUD should induce NRC licensed personnel who are working in other positions to return to operations or training at Rancho Seco	Complete	-	02-07-85	Rodriguez	The 2 former Rancho Seco individuals will remain at the geothermal unit.

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
MA-1	Steps to be taken to correct the management style currently utilized in mechanical maintenance	Implement	04-29-85	10-01-85	Oubre'	A report by M. Tompkins which addresses this concern has been generated. In addition, corrective actions for each item identified in the report have been identified and are being implemented.
MA-2	Consider development and implementation of total work management program utilizing a centralized planning and scheduling department for all plant conditions	PAR	05-06-85	01-01-86	Oubre'	Same as OP-7.
MA-3	Develop and implement maintenance dept. apprentice training program	Develop	02-07-85	12-31-86	Oubre'	Incorporated as part of long-range program for INPO accreditation.
MA-4	Insure all plant procedures are adhered to and appropriate procedural steps taken	Appraisal	08-05-85	09-15-85	Oubre'	Manager of Nuclear Operations to reiterate by memo necessity to follow prescribed procedures.
MA-5	Expedite preparation, review and issue of new Clearance Procedure	Appraisal	10-01-85	11-01-85	Oubre'	Current effort underway; new procedure ready prior to refueling outage. Contact Industrial Safety for appraisal.
MA-6	Establish a responsive working relationship between Rancho Seco and SMUD supporting departments	Implement	04-29-85	12-01-85	Oubre' Keilman Schwieger Dieterich	Meetings between members of the Nuclear Management Team and Personnel, Purchasing, Data Processing and Grounds have and are continuing to occur to resolve this item.
MA-7	Expedite development and implementation of integrated program for maintenance and control of vendor manuals and tech information; to be controlled by site document control	Develop	01-28-85	01-01-86	Oubre'	Manager to determine what part is not documented; will not be part of site document control until review completed for reorganization.
MA-8	Expedite filling of lead I&C technician position	Complete	-	12-11-84	Oubre'	I&C Engineer hired.
MA-9	Develop C/A plan to eliminate backlog in preventive maintenance program	Implement	03-28-85	01-01-86	Oubre'	Recognize and need to eliminate backlog of PM items; additional personnel in budget for 1985 - Personnel hired dedicated to PM. Program currently being updated.

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
QA-1	Revise QA organizational structure; identify supervisory and lead positions	Develop	07-01-85	10-01-86	Schwieger	Reorganization complete; additional personnel being recruited.
QA-2	Revise QA Manual into 18 sections to more closely track and identify with NRC requirements	Develop	04-01-85	09-01-85	Schwieger	Contract to PAC for assistance in updating/revising QA Manual.
QA-3	Update and supplement QCI Manual to adequately and accurately provide implementing procedures for the QA program; consider changing name to Quality Procedure Manual; include QAIPs; and move NDE procedures to separate manual	Develop	04-01-85	12-01-85	Schwieger	QCI Manual will be updated when QA is completed.
QA-4	Revise QA Program to assure QA involvement in all QA Class I and Commercial Grade to be used in Class I systems activities; includes PRs, WRs and changes to both prior to their release	Develop	04-01-85	09-01-85	Schwieger	Work will be done in this area as part of other manual revisions.
QA-5	Establish comprehensive QA training program for all nuclear personnel who have responsibilities in QA program	Develop	02-07-85	10-01-85	Schwieger	General Physics has task for training program for QA personnel (QA training complete; QC training 1/1/86) and engineers/warehouse personnel (late 1986). Other nuclear personnel covered by appropriate training programs.
QA-6	Provide for QA/QC involvement in packaging and shipping of radioactive materials	Appraisal	10-01-85	12-01-85	Schwieger	Will be a priority item for new personnel being hired by QA. GD will do as part of Phase IV.
QA-7	Establish program of verifying education and experience records of all audit and inspection personnel to use on safety-related activities	Implement	05-01-85	12-01-85	Schwieger	Program will be developed by 1 May. Implementation to be completed by May 1. Implementation to be completed on or before 12/1/85.
QA-8	Re-evaluate audit and surveillance program to assure it covers all important safety-related procedures and work activities	PAR	05-01-85	11-01-85	Schwieger	Program being re-evaluated; will be complete by November 1, 1985.
QA-9	Establish system to assure timely followup of open QA Surveillance Report items	Appraisal	09-01-85	10-01-85	Schwieger	Program initiated; additional personnel recruited to implement program.

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
TR-1	Develop and implement program for replacement of training contractors ASAP	Develop	07-01-85	10-01-85	Oubre'	Consultant hired to study Rancho Seco Training Department needs, including personnel needs. Consultant report being reviewed by staff.
TR-2	As additional licensed operators become available operators to be made available as trainers	Develop	07-01-85	10-01-85	Oubre'	Consultant hired to study Rancho Seco Training Department needs, including personnel needs. Consultant report being reviewed by staff.
TR-3	Build separate training building capable of housing all the dept. needs; simulator to be designed and built expeditiously	Develop	02-08-85	3/87	Keilman	Board of Directors approved A/E firm of Nacht & Lewis on 3/21/85 for design and construction of facilities for the training department/simulator; building to be complete 1st quarter 1987, simulator complete by 1989. When the Board authorizes the monies for this item, it will be considered closed.
TR-4	Expedite procurement of simulator	Develop	02-08-85	6/89	Keilman	Board approved General Physics on 3/21/85 to write simulator specs.; plan to award construction of simulator by 4/86; simulator ready for training 2nd quarter 1989. When the Board authorizes the monies for this item, it will be considered closed.
TR-5	Replace INPO accreditation program lead position with SMUD employee; key personnel to visit other B&W facilities	Complete	-	04-08-85	Oubre'	Lead position for INPO accreditation program is a SMUD Employee. Contact to Toledo Edison completed.
TR-6	Conduct management review of INPO training program accreditation plans/ processes to assure that technician resources available are consistent with commitments	Develop	07-01-85	10-01-85	Oubre'	Consultant hired to study Rancho Seco Training Department needs, including personnel needs. Consultant report being reviewed by staff.
TR-7	Assign SMUD employee to lead contractor effort of developing lesson plans and system manuals	Complete	-	01-16-85	Rodriguez	SMUD employee responsible for interface with contractor personnel.
TR-8	Expedite delivery of computerized system for training dept. records	Complete	-	04-08-85	Oubre'	Computerized program delivered; being implemented (TRIM).

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
PS&QM-1	Goals and objectives by SMUD management to be made clear and concise and passed through all levels of the organization	Implement	07-01-85	10-01-85	Rodriguez	Implemented for 1985. 1986 goals and objectives will be promulgated in the near future.
PS&QM-2	Relocate construction functions into the Planning, Scheduling and Outage Management Organization	Develop	09-01-85	10-01-85	Rodriguez	RJR to schedule Department Managers meeting to review committee recommendations and reach consensus in resolution.
PS&QM-3	Move total planning and scheduling organization to a centralized location	PAR	05-06-85	01-01-86	Oubre'	Study to determine programmatic action required.

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
CRP-1	Split present combined chem/rad protection group into separate units to allow upgrading performance	PAR	04-08-85	Open	Oubre'	General Dynamics study underway; Phase I complete by 07/01/85. See note below.
CRP-2	Supervisors to spend more time in plant and not delegate their responsibility to contractor supervisors	Implement	02-18-85	04-22-85	Oubre'	Nuclear Operations taking action to accomplish; however, during refueling outages contractor supervisors will be used.
CRP-3	Attempt to eliminate all contractors except during outages when more HP techs are necessary; carefully screen and train contract personnel	PAR Appraisal	03-12-85 09-01-85	10-01-85 10-01-85	Rodriguez	PAR refers to elimination of contractors. Appraisal refers to screening and training.
CRP-4	Supervisors to assure techs are aware of significant radiological/chemical events at other nuclear sites	Implement	03-01-85	07-01-85	Oubre'	All NOTEPAD, NOMIS, updates, IE Information Notices and Bulletins, INPO Significant Operating Experience Reports and Operational Assessment Reports are routed to Chem/Rad Protection Superintendent and passed on at daily Chem/Rad "Plant Status" meetings.
CRP-5	Carefully document personnel contamination; include trending of significant contamination	Appraisal	08-30-85	09-30-85	Rodriguez	Documentation of all contaminated personnel is required by AP 305-9C. Audit AP 305-9C.
CRP-6	Rigorous scheduling of all techs to be done for training in chemistry and HP	Implement	08-01-85	01-15-86	Oubre'	Program underway. Schedule appraised for first of 1986, to be implemented by 1/15/86.
CRP-7	Supervisors to participate in lesson plan development and approve all plans submitted by Training Dept.	Implement	01-16-85	01-16-85	Oubre'	Part of accreditation program will be appraised when accreditation is implemented.
CRP-8	Track radiation levels for specific plant locations on a systematic basis; trend data acquired	Implement	04-08-85	05-29-85	Schwieger Oubre'	Program to record and trend specific plant location radiation in progress. QA Surveillance No. 321 issued.
CRP-9	Improve communications w/Operations so that both chemistry and radiation protection supervisors are aware of changed conditions in plant.	PAR	04-08-85	Open	Oubre'	Steps to be taken to improve communications to further enhance knowledge of changed conditions within plant. General Dynamics study for additional improvement. Phase I complete by 7/1/85. See note below.
CRP-10	Give additional information to workers on health effects of ionizing radiation to be more aware of current knowledge in this field	Complete	-	01-16-85	Rodriguez	Program for training individuals on effects of ionizing radiation certified by INPO.

NOTE: This item is being resolved by a four phase study by General Dynamics. Phase 1 of the General Dynamics study has been completed and reviewed by the operating organization. Phase 2 has been defined and commenced in 7/1/85.

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
CRP-11	Thoroughly investigate unusual radiological or chemical occurrences, if advisable, issue summary reports on a timely basis	Implement	02-07-85	05-06-85	Oubre'	Program will be expanded to include summary to incidents to be sent to Department Manager - One report issued.
CRP-12	Give all workers exposed to radiation written notification of their annual and cumulative plan exposure	Implement	05-10-85	03-01-86	Oubre'	Information is available; will be distributed. Implementation of this item will be considered complete when 1985 exposure data is distributed to workers in 1986.
CRP-13	Split C&RP organization into two units; may need to add to tech staff, if so, recruit highly qualified individuals on a timely basis	PAR	04-08-85	Open	Oubre'	Study program underway on Rad/Chem area; Phase I complete 7/1/85. See note below.
CRP-14	Upgrade chemistry laboratory facilities	PAR	04-08-85	Open	Oubre'	Study from CRP-13 will include this; Phase I complete 7/1/85. See note below.
CRP-15	Head up dosimetry by qualified health physicist	PAR	04-08-85	Open	Oubre'	Same as CRP-13; Phase I complete 7/1/85. See note below.
CRP-16	Consider replacing photographic film badges with TLDs	PAR	04-08-85	Open	Oubre'	Will study to identify whether TLD or film badges are the best for Rancho Seco; part of General Dynamics study. Phase I complete 7/1/85. See note below.
CRP-17	Review radiation records to make certain data are adequate and easily retrievable.	PAR	04-08-85	Open	Oubre'	Program will be developed under General Dynamics organization study. Phase I complete 7/1/85. See note below.
CRP-18	Conduct SMUD audits prior to INPO audits to assure previous recommendations have been carried out and new adverse findings are minimal	Appraisal	11-01-85	01-01-86	Schwieger	QA program developed. 1985 audit complete. Appraisal to take place commencing 11/1/85.
CRP-19	ALARA should report to plant health physicist	PAR	04-08-85	Open	Oubre'	Same as CRP-13; contract personnel to study structure. Phase I complete 7/1/85. See note below.
CRP-20	SMUD health physicists to be encouraged to achieve American Board of Health Physics certification	Complete	-	04-22-85	Oubre'	HP personnel are encouraged to achieve American Board certification.
CRP-21	Plant HP should prepare quarterly tabulation of significant radiological events at other sites and circulate to training and RP staff	Implement	02-07-85	05-15-85	Oubre'	The first quarterly tabulation of significant radiological events has been published.

NOTE: This item is being resolved by a four phase study by General Dynamics. Phase 1 of the General Dynamics study has been completed and reviewed by the operating organization. Phase 2 has been defined and commenced in 7/1/85.

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
AL-1	ALARA should report as separate function to plant health physicist	PAR	04-08-85	Open	Oubre'	Will be covered in study from CRP-13. Same as CRP-19.
AL-2	Insure ALARA function is staffed by SMUD; not a contractor	PAR	04-08-85	Open	Oubre'	On completion of CRP-13 study; ALARA will be staffed by SMUD individual. Phase I of GD study complete by 7/1/85. See note below.
AL-3	Develop a detailed ALARA training program	Implement	02-07-85	03-25-85	Keilman	Training modules developed; training completed. Appraisal plan to be developed.
AL-4	Provide support required to insure ALARA has high plant visibility and management backing to terminate activities that could result in unnecessary exposure to personnel	Implement Appraisal	02-07-85 09-15-85	04-08-85 10-15-85	Keilman Oubre'	1985 manrem goals approved by MSRC. Develop appraisal plan to measure success by following outage.
AL-5	Maintain detailed dose data on outage work to permit thorough post-outage ALARA analysis of high pressure exposure activities	Implement Appraisal	01-16-85 09-15-85	02-22-85 10-15-85	Keilman	Data base available with weekly summaries. Appraise as part of AL-4.
AL-6	Prepare annual ALARA report summarizing outage and annual exposure data with recommendations for achieving future ALARA goals	Complete	-	04-15-85	Keilman	2nd draft of report sent to ALARA Committee; complete by 4/15/85.

NOTE: This item is being resolved by a four phase study by General Dynamics. Phase 1 of the General Dynamics study has been completed and reviewed by the operating organization. Phase 2 has been defined and commenced in 7/1/85.

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
EP-1	Develop qualification card system to check off training requirements for persons engaged in emergency planning drills and exercises	Implement	02-07-85	05-06-85	Keilman	<p>Qualification cards (task analysis check-off sheets) developed by Impell (Task 109). Jack Mau of NO has designed format which will include applicable emergency training.</p> <p>QA to audit/appraise effectiveness of program. Appraisal to occur after emergency drill in September.</p>

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
EV-1	Reorganize environmental section for better evaluation of the NRC RETS program	PAR	04-08-85	Open	Oubre'	Study by General Dynamics. Project on schedule 3/11/85. Phase I complete by 7/1/85. See note below.
EV-2	Release LLNL report on radiocesium releases to the public as soon as feasible with cover statement summarizing results in a manner easily understood	Complete	-	04-01-85	Keilman	LLNL report sent to NRC on 04/01/85.
EV-3	Make available to the media and public an annual summary of environmental findings in a form permitting easy public comprehension	Complete	-	04-08-85	Keilman	Annual report has been completed.

NOTE: This item is being resolved by a four phase study by General Dynamics. Phase 1 of the General Dynamics study has been completed and reviewed by the operating organization. Phase 2 has been defined and commenced in 7/1/85.

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
PS-1	Re-evaluate system for procurement of commercial grade items to be used in Class I systems to assure items have received adequate attention from initiation of PR through item storage and installation at the site	Develop	08-01-85	01-01-86	Schwieger	Program will be developed.
PS-2	Consider separate nuclear purchasing group whose sole duties are to perform nuclear grade purchasing and should have prior experience in nuclear purchasing	Implement	05-13-85	06-04-85	Merrill	Position is to support Nuclear. Purchasing feels they are meeting nuclear's needs and it would not be cost effective at this time to create a separate purchasing group.
PS-3	Revise present practice of co-mingling Class I, II and Commercial Grade items with non-class items; institute visual system for identification of safety-related items; train personnel in new system	PAR	04-08-85	12-31-85	Schwieger Oubre'	QA has responsibility to clarify with the consultant the issues related to these items. The clarification should include the scope of industry and regulatory requirements against which the entire warehouse and materials control concept should be judged. From this evaluation the Nuclear Operations and QA Managers shall establish a program and schedule for implementation. Definition of the program and schedule should be established by 8/1/85.
PS-4	Establish more positive system of control for entrance/egress from safety-related storage facilities	PAR	04-08-85	12-31-85	Oubre'	QA has responsibility to clarify with the consultant the issues related to these items. The clarification should include the scope of industry and regulatory requirements against which the entire warehouse and materials control concept should be judged. From this evaluation the Nuclear Operations and QA Managers shall establish a program and schedule for implementation. Definition of the program and schedule should be established by 8/1/85.
PS-5	Expedite placement of item classifications on the stock record cards	PAR	04-08-85	12-31-85	Schwieger	Stock issue cards are being reviewed and updated as the necessary material is ordered.

Item No.	Item	Action Required	Start	Complete	Assigned Individual	Comments
RMDC-1	Establish single records management system using site records management organization and system as a basis	Develop	04-08-85	09-15-85	Rodriguez	Additional effort is required between drawing control, QA and the operating department
RMDC-2	Assign control of records vault to RMS; provide funding to high density records storage equipment; provide qualified staff to operate facility	Develop	04-08-85	09-15-85	Rodriguez	Control of vault will be part of RMDC-1. QA to pursue what equipment is needed.
RMDC-3	Provide additional qualified personnel to maintenance to accelerate handling of WR information into MIMS	Complete	-	02-07-85	Oubre'	Additional personnel have been assigned to MIMS Coordinator.
RMDC-4	Perform study/action plan to determine impact of a major fire in Design City and precautions to prevent	Complete	-	05-06-85	Keilman	Order GR 69282 placed with Sentinel Fire Co. to install halon system in NEDC trailer; complete by 5/1/85.
RMDC-5	Return control of Tech Manual Library to Records Management	Develop	04-08-85	09-15-85	Rodriguez	Organization matter will be part of overall organization adjustments.

DEFINITIONS
FOR
"METHODOLOGY FOR RECOMMENDATION RESOLUTION" FLOW CHART

The following definitions are to be used in interpreting the requirements delineated in the attached flow chart as well as the "status" column in the Status of LRS Recommendations report.

1. Valid

An evaluation of the recommendation to determine whether the recommendation accurately reflects an adverse condition, management methodology, or requires action which would be in violation of applicable law, rule, or policy governing the operation of the Sacramento Municipal Utility District.

2. Justification

A written explanation which includes the reasons why a recommendation is determined to be invalid for SMUD.

3. Complete

Complete, no followup required.

4. Resolution

The response to valid recommendations for which programmatic action is determined not to be required.

5. Programmatic Action Required (PAR)

The recommendation is evaluated for its impact and depth of corrective action required. This includes a determination if the required action can be completed on a "one-time" basis or if existing District programs must be modified or new programs developed in response to the recommendation.

6. Develop

An evaluation of alternatives and/or development of a corrective action program is underway.

7. Implement

The corrective action program has been developed and implementation is underway.

DEFINITIONS
FOR
"METHODOLOGY FOR RECOMMENDATION RESOLUTION" FLOW CHART

8. Appraisal (App) for Effectiveness (Eff) and Implementation (Imp)

The corrective action program is underway or implemented and an effectiveness appraisal is being performed to determine if the program was implemented as intended and if it was effective. When warranted, several recommendations may be grouped for a single appraisal if the combination of these recommendations is indicative of broader programmatic concern.

9. Redirect Implementation (RI)

The results of the Appraisal indicate that the corrective action program was not implemented as intended or implementation is incomplete. Direction to complete or implement the original approved corrective action program and accountability for proper response is re-emphasized.

10. Redirect Development (RD)

The results of the Appraisal indicate that the corrective action program was not effective and alternatives must be reexamined and the existing program modified or a new corrective action program developed.

11. Closed

The results of the Appraisal indicate the proper implementation of the corrective action program has been completed and the effectiveness of the program is satisfactory.

METHODOLOGY FOR RECOMMENDATION RESOLUTION

