

## Department of Energy

Nevada Operations Office  
P. O. Box 98518  
Las Vegas, NV 89193-8518

WBS 1.2.9.3  
QA

NOV 30 1989

### Distribution

YUCCA MOUNTAIN PROJECT OFFICE (PROJECT OFFICE) QUALITY ASSURANCE (QA)  
SEMIANNUAL SURVEILLANCE SCHEDULE FOR FISCAL YEAR (FY) 1990

Enclosed is Revision 1 of the Project Office QA surveillance schedule for both internal and external surveillances planned for the next six months of FY 1990. The schedule is reviewed on a monthly basis and reissued as required to reflect additional surveillances and other changes that may occur.

If you have any questions concerning this schedule, please contact James Blaylock of my staff at (702) 794-7913 or FTS 544-7913.

Carl P. Gertz, Project Manager  
Yucca Mountain Project Office

YMP:JB-987

Enclosure:  
FY 1990 Surveillance Schedule

8912050343 891130  
PDR WASTE PDC  
WM-11

FULL TEXT ASCII SCAN

ADD: JEKennedy

11  
N103  
WM-11  
102.7

ACTIVITY ID	ORG	EARLY START	EARLY FINISH	Gantt Chart											
				FENIX SCISSOR NEVADA											
FN02	FSN	20NOV89	27NOV89	<input checked="" type="checkbox"/> PROCUREMENT											
FN04	FSN	2JAN90	5JAN90	<input type="checkbox"/> SOFTWARE CONTROL											
FN06	FSN	5MAR90	9MAR90	<input type="checkbox"/> ES-1 COLLAR 50% DESIGN											
				HOLMES AND NARVER											
HN06	HGN	15JAN90	19JAN90	<input type="checkbox"/> PROCUREMENT											
HN08	HGN	5FEB90	9FEB90	<input type="checkbox"/> SOFTWARE CONTROL											
HN02	HGN	5MAR90	9MAR90	<input type="checkbox"/> MAIN PAD 50% DESIGN											
HN04	HGN	5MAR90	9MAR90	SITE PREP & MOBILIZATION PACKAGE <input type="checkbox"/>											
HN10	HGN	12MAR90	16MAR90	<input type="checkbox"/> RECORDS CONTROL											
				LOS ALAMOS NATIONAL LABORATORY											
LA02	LANL	27NOV89	1DEC89	<input type="checkbox"/> IDS READINESS REVIEW/SOFTWARE CONTROL											
LA04	LANL	8JAN90	12JAN90	<input type="checkbox"/> IDS PHASE 30% DESIGN											
LA06	LANL	5FEB90	9FEB90	<input type="checkbox"/> PROCUREMENT											
LA08	LANL	5MAR90	9MAR90	RECORDS CONTROL, AUDITS, & SURVEILLANCES <input type="checkbox"/>											
				LAWRENCE LIVERMORE NATIONAL LABORATORY											
LL06	LLNL	13NOV89A	14NOV89A	<input checked="" type="checkbox"/> SOFTWARE CONTROL											
LL02	LLNL		26OCT89A												
LL04	LLNL	11DEC89	15DEC89	<input type="checkbox"/> STUDY PLANS CRITERIA 1, 4, 7, 12, 17, 18											
				REYNOLDS ELECTRICAL AND ENGINEERING											
RE02	REECO	12FEB90	16FEB90	<input type="checkbox"/> RECORDS CONTROL											
RE04	REECO	19MAR90	23MAR90	<input type="checkbox"/> CALIBRATION											
				SANDIA NATIONAL LABORATORIES											
SN10	SNL	27NOV89	1DEC89	<input type="checkbox"/> PSL CALIBRATION SERVICES											
SN06	SNL	2JAN90	5JAN90	<input type="checkbox"/> PROCUREMENT, TRAINING, AUDITS, & SURVEL. CALIB.											
SN04	SNL	29JAN90	2FEB90	<input type="checkbox"/> SOFTWARE CONTROL											
SN08	SNL	19MAR90	23MAR90	CALIB. DOC. CNTL. INSTR. PROCED. & DWGS <input type="checkbox"/>											
SN02	SNL	2APR90	6APR90	INDEP. REVW. OF DESIGN & PERFORMANCE ASSESSMENT <input type="checkbox"/>											
				SUPPLIER QUALIFICATION											
SQ1	SQ	2JAN90	5JAN90	<input type="checkbox"/> SUPPLIER QUALIFICATION J. L. SHEPARD & ASSOC											
SQ2	SQ	2JAN90	5JAN90	<input type="checkbox"/> SUPPLIER QUALIFICATION FLUKE TECHNICAL CENTER											
SQ3	SQ	8JAN90	12JAN90	<input type="checkbox"/> SUPPLIER QUALIFICATION PACIFIC NORTHWEST LAB.											
SQ4	SQ	8JAN90	12JAN90	<input type="checkbox"/> SUPPLIER QUALIFICATION RINGARD METROLOGY											
SQ5	SQ	15JAN90	19JAN90	<input type="checkbox"/> SUPPLIER QUALIFICATION ISOTOPE PRODUCTS											
SQ6	SQ	15JAN90	19JAN90	<input type="checkbox"/> SUPPLIER QUALIFICATION KURZ INSTRUMENT INC.											
SQ7	SQ	22JAN90	26JAN90	<input type="checkbox"/> SUPPLIER QUALIFICATION SAIC											
SQ8	SQ	22JAN90	26JAN90	<input type="checkbox"/> SUPPLIER QUALIFICATION SAIC/RADECO											

ENCLOSURE

DEPARTMENT OF ENERGY  
YUCCA MOUNTAIN PROJECT OFFICE  
SEMIANNUAL SURVEILLANCE SCH W/ORG

*DGH*  
*11/20/89*

Sheet 1 of 2

Rev	Issue	Issued For	Date

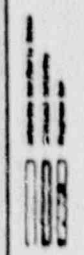
Date Date (Y/M/D)  
Print Date (DD-M)

Approved  
 Reviewed  
 Checked  
 Drawn  
 Design  
 Detail  
 Assembly  
 Fabrication  
 Installation  
 Operation  
 Maintenance  
 Repair  
 Replacement  
 Removal  
 Destruction

Project Start: 01/01/89  
Project Finish: 06/30/90

ACTIVITY ID	ORG	EARLY START	EARLY FINISH	DESCRIPTION
S010	SO	29JUN90	2FEB90	SUPPLIER QUALIFICATION TERRADEY COMP.
S09	SO	25JAN90	2FEB90	SUPPLIER QUALIFICATION AMERCHAN
S011	SO	5FEB90	9FEB90	SUPPLIER QUALIFICATION MERIAM INSTRUMENTS
S012	SO	5FEB90	9FEB90	SUPPLIER QUALIFICATION PYLEON ELECTRIC
S013	SO	12FEB90	16FEB90	SUPPLIER QUALIFICATION CLIMATRONICS COMP.
S014	SG	12FEB90	16FEB90	SUPPLIER QUALIFICATION ORNL ANALYTICAL
S016	SO	20FEB90	21FEB90	SUPPLIER QUALIFICATION TROEMPER
S015	SO	20FEB90	26FEB90	SUPPLIER QUALIFICATION BELFORT INSTRUMENT
S017	SO	5MAR90	9MAR90	SUPPLIER QUALIFICATION ANALYTICS INC.
S019	SO	5MAR90	9MAR90	SUPPLIER QUALIFICATION MEDDING & ASSOCIATES
S020	SO	12MAR90	16MAR90	SUPPLIER QUALIFICATION LUDRUM MEASUREMENTS, INC.
S021	SO	12MAR90	16MAR90	SUPPLIER QUALIFICATION EVERLINE ANALYTICAL SVCS
				SUPPLIER QUALIFICATION FISON SERVICE
P002	T&MSS	31OCT89A		PROJECT OFFICE / T&MSS
P004	T&MSS	29NOV89	5DEC89	STUDY PLAN DOCUMENT PACKAGES
P018	T&MSS	4DEC89	8DEC89	AIR QUAL PROG/NET MONITORING
P008	T&MSS	18DEC89	22DEC89	SOR PROCESS
P010	T&MSS	8JAN90	12JAN90	RADIOLOGICAL MONITORING
P016	T&MSS	8JAN90	12JAN90	EPA (RADIOLOGICAL MONITORING)
P012	T&MSS	15JAN90	19JAN90	EVAL. ALTERNATIVES FOR ESP
P014	T&MSS	22JAN90	26JAN90	PROCUREMENT
P006	T&MSS	26FEB90	2MAR90	TRAINING
US02	US65	14NOV89A	16NOV89A	U. S. GEOLOGICAL SURVEY
US04	US65	11DEC89	15DEC89	SITE MONITORING
US06	US65	15JAN90	19JAN90	FOLLOWUP OF SOR'S/CRITERIA 1, 5, 18
US08	US65	20FEB90	23FEB90	SOFTWARE CONTROL
US10	US65	26MAR90	30MAR90	STUDY PLANS / TECHNICAL REVIEW
				CALIBRATION / RECORDS CONTROL
				QA AUDITS AND SURVEILLANCES

\* 1004 Delayed due to slip in ESF schedule  
 1002 Delayed due to slip in ESF schedule  
 1004 Delayed due to logistics



Primavera Systems, Inc. 400-880  
 Project Start: 1989  
 Project Finish: 1990

DEPARTMENT OF ENERGY  
 YUCCA MOUNTAIN PROJECT OFFICE  
 SEMI-ANNUAL SURVEILLANCE SCH W/DWG

Sheet 7 of 8

Rev	By	Date	Description

Date Rec'd: 1990  
 File No: 88089



ACTIVITY ID	ACTIVITY DESCRIPTION	ORIG DUR	EARLY START	EARLY FINISH
LL08	SOFTWARE CONTROL	2	13NOV89	14NOV89
US02	SITE MONITORING	3	14NOV89	16NOV89
LL02	PROCEDURE DEV / CRITERIA 4, 5, 6, 14, 17	3		26OCT89
P002	STUDY PLAN DOCUMENT PACKAGES	12		31OCT89
FN02	PROCUREMENT	4	20NOV89	27NOV89
LA02	IDS READINESS REVIEW/SOFTWARE CONTROL	5	27NOV89	1DEC89
SM10	PSL CALIBRATION SERVICES	5	27NOV89	1DEC89
P004	AIR QUAL PROG/MET MONITORING	5	29NOV89	5DEC89
P016	SOR PROCESS	5	4DEC89	8DEC89
LL04	STUDY PLANS CRITERIA 1, 4, 7, 12, 17, 18	5	11DEC89	15DEC89
US04	FOLLOWUP OF SOR 5/CRITERIA 1, 5, 18	5	11DEC89	15DEC89
P008	RADIOLOGICAL MONITORING	5	18DEC89	22DEC89
FN04	SOFTWARE CONTROL	4	2JAN90	5JAN90
SM06	PROCUREMENT, TRAINING, AUDITS, & SURVEL, CALIB	4	2JAN90	5JAN90
S01	SUPPLIER QUALIFICATION J. L. SHEPARD & ASSOC	4	2JAN90	5JAN90
SG2	SUPPLIER QUALIFICATION FLUKE TECHNICAL CENTER	4	2JAN90	5JAN90
LA04	IDS PHASE I 30% DESIGN	5	8JAN90	12JAN90
P010	EPA (RADIOLOGICAL MONITORING)	5	8JAN90	12JAN90
P016	EVAL. ALTERNATIVES FOR ESF	5	8JAN90	12JAN90
SG3	SUPPLIER QUALIFICATION PACIFIC NORTHWEST LAB	5	8JAN90	12JAN90
SG4	SUPPLIER QUALIFICATION RINGARD METROLOGY	5	8JAN90	12JAN90
FN06	PROCUREMENT	5	15JAN90	19JAN90
P012	PROCUREMENT	5	15JAN90	19JAN90
S05	SUPPLIER QUALIFICATION ISOTOPE PRODUCTS	5	15JAN90	19JAN90
S06	SUPPLIER QUALIFICATION KURZ INSTRUMENT INC.	5	15JAN90	19JAN90
US06	SOFTWARE CONTROL	5	15JAN90	19JAN90
P014	TRAINING	5	15JAN90	19JAN90
S07	SUPPLIER QUALIFICATION SAIC/RADECO	5	22JAN90	26JAN90
S08	SUPPLIER QUALIFICATION SAIC/RADECO	5	22JAN90	26JAN90
SM04	SOFTWARE CONTROL	5	29JAN90	2FEB90
S010	SUPPLIER QUALIFICATION TERRADEX CORP.	5	29JAN90	2FEB90
S09	SUPPLIER QUALIFICATION AMERSHAM	5	29JAN90	2FEB90
FN08	SOFTWARE CONTROL	5	5FEB90	9FEB90
LA06	PROCUREMENT	5	5FEB90	9FEB90
S011	SUPPLIER QUALIFICATION: MERIAM INSTRUMENTS	5	5FEB90	9FEB90
S012	SUPPLIER QUALIFICATION: PYLON ELECTRIC	5	5FEB90	9FEB90
RE02	RECORDS CONTROL	5	12FEB90	16FEB90

Sheet 1 of 1

DEPARTMENT OF ENERGY  
YUCCA MOUNTAIN PROJECT OFFICE  
SEMIANNUAL SURVEILLANCE SCHEDULE

Project Name: YUCCA MOUNTAIN PROJECT  
Project Phase: SURVEILLANCE

Revision: 1.0  
Date: 1/15/90

ACTIVITY ID	ACTIVITY DESCRIPTION	ORIG DUR	EARLY START	EARLY FINISH															
SO13	SUPPLIER QUALIFICATION CLIMATRONICS CORP.	5	12FEB90	16FEB90															
SO14	SUPPLIER QUALIFICATION ORNL ANALYTICAL	5	12FEB90	16FEB90															
SO16	SUPPLIER QUALIFICATION TROEMNER	2	20FEB90	21FEB90															
US08	CALIBRATION / RECORDS CONTROL	4	20FEB90	23FEB90															
SO15	SUPPLIER QUALIFICATION ANALYTICS INC.	5	20FEB90	26FEB90															
PO06	QA AUDITS AND SURVEILLANCES	5	26FEB90	2MAR90															
SO17	SUPPLIER QUALIFICATION BELFORT INSTRUMENT	5	26FEB90	2MAR90															
FN06	ES-1 COLLAR 50% DESIGN	5	5MAR90	9MAR90															
HN02	MAIN PAD 50% DESIGN	5	5MAR90	9MAR90															
HN04 *	SITE PREP & MOBILIZATION PACKAGE	5	5MAR90	9MAR90															
LA08	RECORDS CONTROL, AUDITS, & SURVEILLANCES	5	5MAR90	9MAR90															
SO18	SUPPLIER QUALIFICATION WEDDING & ASSOCIATES	5	5MAR90	9MAR90															
SO19	SUPPLIER QUALIFICATION LUDLUM MEASUREMENTS, INC.	5	5MAR90	9MAR90															
HN10	RECORDS CONTROL	5	12MAR90	16MAR90															
SO20	SUPPLIER QUALIFICATION EVERLINE ANALYTICAL SVCS	5	12MAR90	16MAR90															
SO21	SUPPLIER QUALIFICATION FISON SERVICE	5	12MAR90	16MAR90															
RE04	CALIBRATION	5	19MAR90	23MAR90															
SN08	CALIB, DOC, CNTRL, INSTA, PROCED, & DWGS	5	19MAR90	23MAR90															
US10	STUDY PLANS / TECHNICAL REVIEW	5	26MAR90	30MAR90															
SN02 *	INDEP REVW OF DESIGN & PERFORMANCE ASSESSMENT	5	2APR90	6APR90															
<p>*            HN04 Delayed due to slip in ESP schedule            SN02 Delayed due to slip in ESP schedule            PO04 Delayed due to logistics</p>																			

DEPARTMENT OF ENERGY  
 YUCCA MOUNTAIN PROJECT OFFICE  
 SEMIANNUAL SURVEILLANCE SCHEDULE

Sheet 2 of 2  
 Date Issued: 11/19/90  
 File No: 100000

NO.	DATE	REVISION

Legend:  
 [Symbol] Activity Not to be done  
 [Symbol] Activity Not to be done  
 [Symbol] Activity Not to be done

Project Start: 10/1/89  
 Project Finish: 04/30/92

ACTIVITY ID	ORG	EARLY START	EARLY FINISH						
				SUPPLIER QUALIFICATION					
SG10	SG	29JAN90	2FEB90						<input type="checkbox"/> SUPPLIER QUALIFICATION TERRADEX CORP.
SG9	SG	29JAN90	2FEB90						<input type="checkbox"/> SUPPLIER QUALIFICATION AMERSHAN
SG11	SG	5FEB90	9FEB90						<input type="checkbox"/> SUPPLIER QUALIFICATION MERIAN INSTRUMENTS
SG12	SG	5FEB90	9FEB90						<input type="checkbox"/> SUPPLIER QUALIFICATION PYLON ELECTRIC
SG13	SG	12FEB90	16FEB90						SUPPLIER QUALIFICATION CLIMATRONICS CORP. <input type="checkbox"/>
SG14	SG	12FEB90	16FEB90						<input type="checkbox"/> SUPPLIER QUALIFICATION ORNL ANALYTICAL
SG16	SG	20FEB90	21FEB90						<input type="checkbox"/> SUPPLIER QUALIFICATION TROEMNER
SG15	SG	20FEB90	26FEB90						SUPPLIER QUALIFICATION ANALYTICS INC. <input type="checkbox"/>
SG17	SG	26FEB90	2MAR90						SUPPLIER QUALIFICATION BELFORT INSTRUMENT <input type="checkbox"/>
SG18	SG	5MAR90	9MAR90						SUPPLIER QUALIFICATION WEDDING & ASSOCIATES <input type="checkbox"/>
SG19	SG	5MAR90	9MAR90						SUPPLIER QUALIFICATION LUDLUM MEASUREMENTS, INC. <input type="checkbox"/>
SG20	SG	12MAR90	16MAR90						SUPPLIER QUALIFICATION EVERLINE ANALYTICAL SVCS <input type="checkbox"/>
SG21	SG	12MAR90	16MAR90						SUPPLIER QUALIFICATION FISON SERVICE <input type="checkbox"/>
				PROJECT OFFICE / T&MSS					
P002	T&MSS		31OCT89A						STUDY PLAN: DOCUMENT PACKAGES
P004	T&MSS	29NOV89	5DEC89						<input type="checkbox"/> AIR QUAL PROG/MET MONITORING
P018	T&MSS	4DEC89	8DEC89						<input type="checkbox"/> SDR PROCESS
P008	T&MSS	18DEC89	22DEC89						<input type="checkbox"/> RADIOLOGICAL MONITORING
P010	T&MSS	8JAN90	12JAN90						<input type="checkbox"/> EPA (RADIOLOGICAL MONITORING)
P016	T&MSS	8JAN90	12JAN90						<input type="checkbox"/> EVAL. ALTERNATIVES FOR ESF
P012	T&MSS	15JAN90	19JAN90						<input type="checkbox"/> PROCUREMENT
P014	T&MSS	22JAN90	26JAN90						<input type="checkbox"/> TRAINING
P006	T&MSS	26FEB90	2MAR90						<input type="checkbox"/> QA AUDITS AND SURVEILLANCES
				U. S. GEOLOGICAL SURVEY					
USG2	USGS	14NOV89A	16NOV89A						<input checked="" type="checkbox"/> SITE MONITORING
US04	USGS	11DEC89	15DEC89						<input type="checkbox"/> FOLLOWUP OF SDR'S/CRITERIA 1.5.1B
US06	USGS	15JAN90	19JAN90						<input type="checkbox"/> SOFTWARE CONTROL
US08	USGS	20FEB90	23FEB90						<input type="checkbox"/> CALIBRATION / RECORDS CONTROL
US10	USGS	26MAR90	30MAR90						STUDY PLANS / TECHNICAL REVIEW <input type="checkbox"/>
* N004 Delayed due to slip in ESF schedule S002 Delayed due to slip in ESF schedule P004 Delayed due to logistics									
				DEPARTMENT OF ENERGY YUCCA MOUNTAIN PROJECT OFFICE SEMIANNUAL SURVEILLANCE SCH W/DRG					
Primavera Systems, Inc. 400-450-1100 Project Start: 10/08/89 Project Finish: 04/01/90				Sheet 2 of 2		Date: 04/01/90 Print Date: 04/01/90			



ACTIVITY ID	ACTIVITY DESCRIPTION	ORIG DUP	EARLY START	EARLY FINISH	Gantt Chart											
LL08	SOFTWARE CONTROL	2	13NOV89A	14NOV89A	[Gantt Chart]											
US02	SITE MONITORING	3	14NOV89A	16NOV89A	[Gantt Chart]											
LL02	PROCEDURE DEV /CRITERIA 4, 5, 6, 14, 17	3		26OCT89A	[Gantt Chart]											
P002	STUDY PLAN DOCUMENT PACKAGES	12		31OCT89A	[Gantt Chart]											
FN02	PROCUREMENT	4	20NOV89	27NOV89	[Gantt Chart]											
LA02	IDS READINESS REVIEW/SOFTWARE CONTROL	5	27NOV89	1DEC89	[Gantt Chart]											
SN10	PSL CALIBRATION SERVICES	5	27NOV89	1DEC89	[Gantt Chart]											
P004	AIR QUAL PROC/MET MONITORING	5	29NOV89	5DEC89	[Gantt Chart]											
P018	SDR PROCESS	5	4DEC89	6DEC89	[Gantt Chart]											
LL04	STUDY PLANS CRITERIA 1, 4, 7, 12, 17, 18	5	11DEC89	15DEC89	[Gantt Chart]											
US04	FOLLOWUP OF SDR'S/CRITERIA 1, 5, 18	5	11DEC89	15DEC89	[Gantt Chart]											
P008	RADIOLOGICAL MONITORING	5	18DEC89	22DEC89	[Gantt Chart]											
FN04	SOFTWARE CONTROL	4	2JAN90	5JAN90	[Gantt Chart]											
SN06	PROCUREMENT, TRAINING, AUDITS, & SURVEL, CALIB.	4	2JAN90	5JAN90	[Gantt Chart]											
SQ1	SUPPLIER QUALIFICATION J. L. SHEPARD & ASSOC	4	2JAN90	5JAN90	[Gantt Chart]											
SG2	SUPPLIER QUALIFICATION FLUKE TECHNICAL CENTER	4	2JAN90	5JAN90	[Gantt Chart]											
LA04	IDS PHASE I 30% DESIGN	5	8JAN90	12JAN90	[Gantt Chart]											
P010	EPA (RADIOLOGICAL MONITORING)	5	8JAN90	12JAN90	[Gantt Chart]											
P016	EVAL. ALTERNATIVES FOR ESF	5	8JAN90	12JAN90	[Gantt Chart]											
SQ3	SUPPLIER QUALIFICATION PACIFIC NORTHWEST LAB.	5	8JAN90	12JAN90	[Gantt Chart]											
SQ4	SUPPLIER QUALIFICATION RINGARD METROLOGY	5	8JAN90	12JAN90	[Gantt Chart]											
HN06	PROCUREMENT	5	15JAN90	19JAN90	[Gantt Chart]											
P012	PROCUREMENT	5	15JAN90	19JAN90	[Gantt Chart]											
SQ5	SUPPLIER QUALIFICATION ISOTOPE PRODUCTS	5	15JAN90	19JAN90	[Gantt Chart]											
SQ6	SUPPLIER QUALIFICATION KURZ INSTRUMENT INC.	5	15JAN90	19JAN90	[Gantt Chart]											
US06	SOFTWARE CONTROL	5	15JAN90	19JAN90	[Gantt Chart]											
P014	TRAINING	5	22JAN90	26JAN90	[Gantt Chart]											
SQ7	SUPPLIER QUALIFICATION SAIC	5	22JAN90	26JAN90	[Gantt Chart]											
SQ8	SUPPLIER QUALIFICATION SAIC/RADECO	5	22JAN90	26JAN90	[Gantt Chart]											
SN04	SOFTWARE CONTROL	5	29JAN90	2FEB90	[Gantt Chart]											
SQ10	SUPPLIER QUALIFICATION TERRADIX CORP.	5	29JAN90	2FEB90	[Gantt Chart]											
SQ9	SUPPLIER QUALIFICATION AMERSHAM	5	29JAN90	2FEB90	[Gantt Chart]											
HN08	SOFTWARE CONTROL	5	5FEB90	9FEB90	[Gantt Chart]											
LA06	PROCUREMENT	5	5FEB90	9FEB90	[Gantt Chart]											
SQ11	SUPPLIER QUALIFICATION: MERIAN INSTRUMENTS	5	5FEB90	9FEB90	[Gantt Chart]											
SQ12	SUPPLIER QUALIFICATION PYLON ELECTRIC	5	5FEB90	9FEB90	[Gantt Chart]											
REC2	RECORDS CONTROL	5	12FEB90	16FEB90	[Gantt Chart]											

Activity in Place Date  
 Activity in Place  
 Activity in Progress

DEPARTMENT OF ENERGY  
 YUCCA MOUNTAIN PROJECT OFFICE  
 SEMIANNUAL SURVEILLANCE SCHEDULE

Sheet 1 of 2  
 Date: 1/18/90  
 Page: 20/20

Performance Systems, Inc. 40000000

Project Start: 1/18/90  
Project Finish: 6/30/90

ACTIVITY ID	ACTIVITY DESCRIPTION	ORIG DUR	EARLY START	EARLY FINISH	Gantt Chart Area											
SQ13	SUPPLIER QUALIFICATION CLIMATRONICS CORP.	5	12FEB90	16FEB90	[Gantt bar]											
SQ14	SUPPLIER QUALIFICATION ORNL ANALYTICAL	5	12FEB90	16FEB90	[Gantt bar]											
SQ16	SUPPLIER QUALIFICATION TROEMNER	2	20FEB90	21FEB90	[Gantt bar]											
USG8	CALIBRATION / RECORDS CONTROL	4	20FEB90	23FEB90	[Gantt bar]											
SQ15	SUPPLIER QUALIFICATION ANALYTICS INC.	5	20FEB90	26FEB90	[Gantt bar]											
PO06	QA AUDITS AND SURVEILLANCES	5	26FEB90	2MAR90	[Gantt bar]											
SQ17	SUPPLIER QUALIFICATION BELFORT INSTRUMENT	5	26FEB90	2MAR90	[Gantt bar]											
FN06	ES-1 COLLAR 50% DESIGN	5	5MAR90	9MAR90	[Gantt bar]											
HN02	MAIN PAD 50% DESIGN	5	5MAR90	9MAR90	[Gantt bar]											
HN04 *	SITE PREP & MOBILIZATION PACKAGE	5	5MAR90	9MAR90	[Gantt bar]											
LA08	RECORDS CONTROL, AUDITS, & SURVEILLANCES	5	5MAR90	9MAR90	[Gantt bar]											
SQ18	SUPPLIER QUALIFICATION WEDDING & ASSOCIATES	5	5MAR90	9MAR90	[Gantt bar]											
SQ19	SUPPLIER QUALIFICATION LUDLUM MEASUREMENTS, INC.	5	5MAR90	9MAR90	[Gantt bar]											
HN10	RECORDS CONTROL	5	12MAR90	16MAR90	[Gantt bar]											
SQ20	SUPPLIER QUALIFICATION EVERLINE ANALYTICAL SVCS	5	12MAR90	16MAR90	[Gantt bar]											
SQ21	SUPPLIER QUALIFICATION FISON SERVICE	5	12MAR90	16MAR90	[Gantt bar]											
REC4	CALIBRATION	5	19MAR90	23MAR90	[Gantt bar]											
SN08	CALIB., DOC. CNTRL., INSTR., PROCED. & DWGS	5	19MAR90	23MAR90	[Gantt bar]											
US10	STUDY PLANS / TECHNICAL REVIEW	5	26MAR90	30MAR90	[Gantt bar]											
SN02 *	INDEP REVW OF DESIGN & PERFORMANCE ASSESSMENT	5	2APR90	6APR90	[Gantt bar]											
<p>*            HN02 Delayed due to slip in ESF schedule            SN02 Delayed due to slip in ESF schedule            POC4 Delayed due to logistics</p>																

DEPARTMENT OF ENERGY  
 YUCCA MOUNTAIN PROJECT OFFICE  
 SEMIANNUAL SURVEILLANCE SCHEDULE

Sheet 2 of 2

BY DATE RELEASED/REVISED/OTHER			
DATE	BY	REASON	APPROVAL

Date Date: 1/20/90  
 Time: 10:00 AM

Legend:  
 [Symbol] Activity in Progress  
 [Symbol] Activity Complete  
 [Symbol] Activity on Hold

Project Start: 01/20/90  
 Project End: 04/30/90



ACTIVITY ID	ORG	EARLY START	EARLY FINISH	Gantt Chart Area											
				FENIX SCISSOR NEVADA											
FN02	FSN	20NOV89	27NOV89	<input type="checkbox"/> PROCUREMENT											
FN04	FSN	2JAN90	5JAN90	<input type="checkbox"/> SOFTWARE CONTROL											
FN06	FSN	5MAR90	9MAR90	<input type="checkbox"/> ES-1 COLLAR 50% DESIGN											
				HOLMES AND NARVER											
HN06	H&N	15JAN90	19JAN90	<input type="checkbox"/> PROCUREMENT											
HN08	H&N	5FEB90	9FEB90	<input type="checkbox"/> SOFTWARE CONTROL											
HN02	H&N	5MAR90	9MAR90	<input type="checkbox"/> MAIN PAD 50% DESIGN											
HN04 *	H&N	5MAR90	9MAR90	<input type="checkbox"/> SITE PREP & MOBILIZATION PACKAGE											
HN10	H&N	12MAR90	16MAR90	<input type="checkbox"/> RECORDS CONTROL											
				LOS ALAMOS NATIONAL LABORATORY											
LA02	LANL	27NOV89	1DEC89	<input type="checkbox"/> IDS READINESS REVIEW/SOFTWARE CONTROL											
LA04	LANL	8JAN90	12JAN90	<input type="checkbox"/> IDS PHASE 30% DESIGN											
LA06	LANL	5FEB90	9FEB90	<input type="checkbox"/> PROCUREMENT											
LA08	LANL	5MAR90	9MAR90	<input type="checkbox"/> RECORDS CONTROL, AUDITS, & SURVEILLANCES											
				LAWRENCE LIVERMORE NATIONAL LABORATORY											
LL06	LLNL	13NOV89A	14NOV89A	<input checked="" type="checkbox"/> SOFTWARE CONTROL											
LL02	LLNL		26OCT89A												
LL04	LLNL	11DEC89	15DEC89	<input type="checkbox"/> STUDY PLANS CRITERIA 1, 4, 7, 12, 17, 18											
				REYNOLDS ELECTRICAL AND ENGINEERING											
RE02	REECO	12FEB90	16FEB90	<input type="checkbox"/> RECORDS CONTROL											
RE04	REECO	19MAR90	23MAR90	<input type="checkbox"/> CALIBRATION											
				SANDIA NATIONAL LABORATORIES											
SN10	SNL	27NOV89	1DEC89	<input type="checkbox"/> PSL CALIBRATION SERVICES											
SN06	SNL	2JAN90	5JAN90	<input type="checkbox"/> PROCUREMENT, TRAINING, AUDITS, & SURVEL. CALIB.											
SN04	SNL	29JAN90	2FEB90	<input type="checkbox"/> SOFTWARE CONTROL											
SN08	SNL	19MAR90	23MAR90	<input type="checkbox"/> CALIB., DOC. CNTRL., INSTR., PROCED. & DWGS											
SN02 *	SNL	24PR90	6APR90	<input type="checkbox"/> INDEP. REV. OF DESIGN & PERFORMANCE ASSESSMENT											
				SUPPLIER QUALIFICATION											
SQ1	SQ	2JAN90	5JAN90	<input type="checkbox"/> SUPPLIER QUALIFICATION J. L. SHEPARD & ASSOC											
SQ2	SQ	2JAN90	5JAN90	<input type="checkbox"/> SUPPLIER QUALIFICATION FLUKE TECHNICAL CENTER											
SQ3	SQ	8JAN90	12JAN90	<input type="checkbox"/> SUPPLIER QUALIFICATION PACIFIC NORTHWEST LAB											
SQ4	SQ	8JAN90	12JAN90	<input type="checkbox"/> SUPPLIER QUALIFICATION RINGARD METROLOGY											
SQ5	SQ	15JAN90	19JAN90	<input type="checkbox"/> SUPPLIER QUALIFICATION ISOTOPE PRODUCTS											
SQ6	SQ	15JAN90	19JAN90	<input type="checkbox"/> SUPPLIER QUALIFICATION KURZ INSTRUMENT INC.											
SQ7	SQ	22JAN90	26JAN90	<input type="checkbox"/> SUPPLIER QUALIFICATION SAIC											
SQ8	SQ	22JAN90	26JAN90	<input type="checkbox"/> SUPPLIER QUALIFICATION SAIC/RADECO											
<input type="checkbox"/> Activity Not Started <input type="checkbox"/> Activity Started <input checked="" type="checkbox"/> Activity Complete				DEPARTMENT OF ENERGY YUCCA MOUNTAIN PROJECT OFFICE SEMI-ANNUAL SURVEILLANCE SCH W/ORG								Sheet 1 of 2 Date Date 1/19/90 Pjt Date 2/26/90			

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