50-327
50-328

SEQUOYAH NUCLEAR PLANT

RADIOLOGICAL EMERGENCY EXERCISE SCENARIO

FEBRUARY 1985

Principally Prepared By:

Sequoyah Plant Staff, TVA
Division of Nuclear Services, TVA
Radiological Health Staff, TVA
POTC
Tennessee Emergency Management Agency (TEMA)
Tennessee Department of Health and Environment

0/1 IE35

I. SCOPE AND OBJECTIVES

The scope of this exercise will include the notification, activation, and staffing of all TVA emergency centers with participation thereafter to accomplish the identified objectives. The exercise will span a time period of approximately 10 to 12 hours on the first day. The second day will consist of offsite recovery activities conducted by State and local agencies with TVA participation as required. The exercise is planned to demonstrate the capabilities of TVA and State and local governments to fulfill their responsibilities specified in the Sequoyah Nuclear Plant Radiological Emergency Plan (SQN-REP). The following objectives indicate the types of activities planned by TVA and the State of Tennessee.

A. Test the REP notification procedure throughout the notification chain, beginning at the SQN control room and extending to State authorities and to local authorities.

B. Demonstrate the staffing and efficient operation of TVA, State and local emergency centers.

C. Test the communications networks between TVA, State, and local governments and with other support groups.

D. Demonstration SQN's ability to respond to hazardous radiological conditions onsite, i.e., postaccident sampling, HP response, assembly and accountability of nonessential plant personnel, etc.

E. Demonstrate the capability for periodic public information releases including the ability to disseminate information regarding planned or needed protective actions to the public in a timely manner.

F. Demonstrate the effectiveness and efficient operation of a Joint Information Center as the single source of public information for the media.

G. Demonstrate the capability of TVA to assemble and transmit in a timely manner the appropriate information needed by offsite authorities to evaluate the necessity for protective action.

H. Demonstrate the capability to verify offsite predicted doses by radiological field monitoring.

I. Demonstrate the capability to perform radiological dose assessments from plant release information and meteorological parameters.

J. Demonstrate the capability of local authorities to implement protective actions including direction and control during simulated evacuation.

K. Demonstrate the ability to activate and implement the prompt notification system.

L. Demonstrate the capability to staff and prepare mass care center(s) to receive and shelter evacuees.

M. The exercise scope will also extend to simulated situations to test assigned recovery duties for State agencies with TVA support as appropriate.

II. DATES, TIME PERIOD, PLACES, AND PARTICIPATING ORGANIZATIONS

The exercise will be initiated from the SQN main control room on February 6, 1985. The exercise will extend over one day. The exercise will initiate at SQN and initially involve the onsite and offsite TVA emergency organizations, Tennessee, and Bradley and Hamilton Counties. The TVA onsite emergency organizations will complete their participation when their objectives are satisfied. The appropriate TVA offsite emergency organization, Tennessee, and Risk Counties will complete their objectives such as radiological monitoring, dose assessment, public notification, warning and evacuation.

Those participating in the exercise may include, but are not limited to, the following:

A. Sequoyah Nuclear Plant, Daisy, Tennessee

B. Tennessee Valley Authority Emergency Centers, Muscle Shoals, Alabama, Chattanooga, and Knoxville, Tennessee

C. Tennessee Emergency Management Agency (TEMA), Nashville, Tennessee

D. Tennessee Department of Health and Environment, Nashville, Tennessee

E. Hamilton County Government

F. Bradley County Government

G. Tennessee Department of Agriculture

H. Tennessee Wildlife Resources Agency

I. Tennessee Department of Conservation

J. Tennessee Governor's Office

K. American Red Cross

L. National Weather Service

M. Federal Emergency Management Agency

N. U.S. Coast Guard

O. Risk Counties Civil Defense (Hamilton and Bradley)

P. Host Counties (Rhea, Meigs, Sequatchie)

Q. Emergency Broadcast System

R. Nuclear Regulatory Commission and Other Federal Agencies

S. Local Support Agencies in Risk Counties

T. Tennessee Department of Safety (Highway Patrol)

U. Tennessee Public Service Commission

V. Tennessee Department of Tourism Development

W. Tennessee Department of Transportation

X. Tennessee Department of Human Services

Y. Department of Energy

III. SIMULATED EVENTS INITIATING THE POSTULATED EMERGENCY CONDITIONS

A. With unit 1 in mode 1, 100% power, "A" Waste Gas Decay Tank relief valve 0-77-743A fails open and does not reset. An unplanned release lasts for approximately 1 hour before it can be isolated. An ALERT is declared at this time based on these events.

B. A second event postulates a fracture of a main steam line (MSL) outside containment in the vicinity of the Refueling Water Storage tank. High steam flow in conjunction with lo-lo Tavg or low steam line pressure initiates a safety injection signal and causes the Main Steam Isolation Valves (MSIV) to close; however, the MSIV on loop #3 fails to close resulting in total blowdown of #3 steam generator.

Fragments from the MSL break damage the RWST, causing a break near the bottom portion of the tank. Very high steam velocity and flow cause the RWST break to propagate, resulting in total loss of RWST volume. These events result in the declaration of SITE AREA EMERGENCY.

The rapid cool down results in limited fuel cladding failure (approximately 1%) which releases iodine and noble gases into the primary water.

C. A third event assumes the very rapid blowdown of #3 steam generator caused tube failure resulting in primary to secondary leakage which results in a release to the environment through the steam line break. A GENERAL EMERGENCY is declared.

D. The leak through the steam generator and MSL break continues for approximately 6 hours until the MSIV can be closed.

IV. TIME SCHEDULE OF SIMULATED INITIATING EVENTS

T = (-) 15 min.	Initial Conditions for SNP Units 1 & 2
	Unit 1 at 100% power, End of Life with RCS boron concentration at 155 ppm. All conditions normal.
	Unit 1 reactor coolant system specific activity high due to fuel cladding leakers. Activity at .90 microcuries/gram Dose Equivalent I-131 - Tech Spec limit is 1.0 microcuries/gram DOSE EQUIVALENT I-131.
	Unit II at 100% power beginning of life with reactor cooling system (RCS) boron concentration at 985 ppm. All conditions normal.
T = 0 min. 0800	The operator receives a "High Radiation Alarm" from 0-RM-90-118, waste disposal system gas effluent monitor. Monitor traveling upscale.
T = 7 min. 0807	Operator receives an alarm, "High radiation", from 1-RM-90-100, unit 1 shield building vent monitor. Both 0-RM-90-118 and 1-RM-90-100 are pegged offscale high.
T = 8 min. 0808	The shift engineer declares an ALERT condition based on radiological effluents potentially exceeding 10 times Tech Spec instantaneous limits or on 1-RM-90-100 level. HP contacted for dose assessment.

T = 35 min. 0835	Inspection team reports that "A" waste gas decay tank pressure has decreased from 105 psig to 70 psig and is still decreasing.
T = 38 min. 0838	HP is contacted and plans are made to enter the valve vault to isolate manual valves in 0-RM-90-118 flow path.
T = 55 min. 0855	The valve vault is entered and valves 0-77-840C, 0-77-269 and 0-77-270 are isolated thus terminating the unplanned release.
T = 1 hour 0900	"A" waste gas decay tank pressure stable at 38 psig. No downgrade of the ALERT condition at this time.
T = 2 hours 1000	Unit 1 receives a reactor trip and safety injection signal. Operators, referring to Emergency Operating Instruction (EOI) instruction, diagnose the event and determine that a MSL break outside of containment has occurred.
T = 2 hrs. 1 min. 1001	Operators notice, during performance of EOI immediate actions, that the MSIV valve on loop #3 did not close completely. Both the red (open) and green (closed) status lights are illuminated.
	All other Engineered Safety Features (ESF) equipment operates as expected.

T = 2 hrs. 3 min. 1003 — Auxiliary feedwater to the faulted #3 steam generator terminated. All remaining steam generators are intact and operable.

T = 2 hrs. 5 min. 1005 — Operators receive an alarm on the Refueling Water Storage Tank (RWST) level. They relate this alarm to the Emergency Core Cooling System (ECCS) equipment starting and continue following emergency instruction.

T = 2 hrs. 10 min. 1010 — Operators now notice that the RWST level has decreased much more than expected and is still decreasing.

Outside personnel contact the shift engineer by phone and indicate to him that the RWST has been damaged, due to the MSL rupture, near the bottom portion of the tank. A large volume of water is flowing out of a break at the bottom. Loss of total RWST volume is imminent.

T = 2 hrs. 15 min. 1015 — Site Emergency Director upgrades the event to SITE AREA EMERGENCY from an alert based on abnormal plant conditions and also due to severe damage to safe shutdown equipment from loss of RWST volume.

T = 2 hrs. 15 min. 1015 — Reactor Coolant System sample taken for isotopic analysis.

T = 2 hrs. 20 min. 1020	Health Physics dispatches an environmental monitoring team to take onsite measurements.
T = 2 hrs. 30 min. 1030	RWST level now at 40%, still decreasing. Operators now have safety injection termination criteria.
T = 2 hrs. 35 min. 1035	Operators trip and lock out all pumps taking suction from the RWST, isolate the Boron Injection Tank (BIT) and align charging pump suction back to the Volume Control Tank (VCT).
T = 2 hrs. 45 min. 1045	Operators begin a <u>controlled</u> cool down and depressurization of the reactor coolant system to get on RHR cooling. RHR pressure at 1895 psig RCS Tavg at 490°F
T = 3 hr. 30 min. 1130	Chemical samples analysis indicate approximately 1 percent clad failure.
T = 4 hrs. 10 min. 1210	A rapid drop in pressurizer level and reactor coolant system pressure occurs. Operators cannot maintain level in the pressurizer. All operating RCP's are tripped by operators.

T = 4 hrs. 12 min. 1212 — Outside personnel contact the shift engineer by phone and inform him that steam has again started blowing from the faulted MSL.

T = 4 hrs. 15 min. 1215 — Based on loss of pressurizer level and decreasing RCS pressure, the shift engineer suspects steam generator tube failures in #3 steam generator. After verifying the steam flow is indeed coming from the faulted #3 MSL, the Site Emergency Director upgrades from Site Area to GENERAL EMERGENCY.

T = 4 hrs. 55 min. 1255 — The makeup water source to the reactor core is from the primary water storage tank via the blender to the VCT and charging pump suction.

T = 5 hrs. 10 min. 1310 — Massive steam generator tube failures are suspected due to the large amount of steam coming from the MSL break. Estimated primary to secondary leak rate is at 400 GPM.

T = 5 hrs. 35 min. 1335 — Operators still injecting approximately 200 gpm into reactor core through the charging pumps. Primary water storage tank level now at 29 ft (95%).

T = 6 hrs. 35 min. 1435 — HP Site boundary dose assessment team reports radiation levels still high.

T = 7 hrs. 15 min. 1515	Wind shifts from east south east to south.
T = 7 hrs. 30 min. 1530	Diesel aligned to allow water to be pumped into RWST (can fill up to height of hole).
T = 9 hrs. 30 min. 1730	Maintenance still working on 3 MSIV with little success. Radiation levels in area of MSIV are extremely high.
T = 10 hrs. 1815	Loop 3 MSIV closed completely. Radiation release terminated.
T = 11 hrs.	SQN terminates onsite activities.
T = 12 hrs. 2000	Events terminated for first day of the exercise.
T = 24 hrs. +	Offsite recovery operations.

NARRATIVE SUMMARY

The initial conditions at the plant assume that unit 1 and 2 are both in mode 1, at 100% power. No major equipment is out of service on either unit.

Approximately 15 minutes later, 0755 CST, the operator receives a high radiation alarm on 0-RM-90-118, waste disposal system gas effluent monitor located on 0-M-12. Both the R-P30 module and the rend recorder are pegged high. An AUO and ASE are dispatched to investigate the problem. At about 0800 CST, the RO receives an alarm on high radiation on 1-RM-90-100 unit 1 shield building vent monitor. 1-RM-90-100 is trending upscale very rapidly. No automatic isolation function on the shield building vent allows continued unplanned radiation releases from unit 1 shield building vent stack. At approximately 0805 CST, the SE declares an ALERT condition based on radiological effluents potentially exceeding 10 times Tech Spec instantaneous limits, 2.6 curies/sec noble gas.

Approximately 30 minutes after the AUO/ASE team was dispatched, they notify the unit 1 SRO that the "A" Waste Gas Decay tank pressure had dropped from 105 psig to 70 psig and seems to be decreasing. Further investigation reveals that "A" Waste Gas Decay tank relief valve 0-77-743A had failed open and has not reseated. Plans are made to enter the valve vault to isolate manual valves in the 0-RM-90-118 rad monitor flow path.

At approximately 0900 CST the valve vault is entered and valves 0-77-840C and 0-77-629 and 270 are closed thus terminating the unplanned release.

Assume the "A" WGDT initial conditions at 12,000 curies. The release rate is approximately 84.8 cubic ft/min during the unplanned release. We released approximately 3 curies/sec for 3300 sec. Total curie release is approximately 9900 curies for the 55 minute release.

Rad monitor approximate response during the unplanned release.

0-RM-90-118 - offscale - High

1-RM-90-100B - offscale - High

Postaccident Rad Monitors

Eberline 90-403 low range - offscale - High

Eberline 90-402 medium range - 51,200 cpm

Eberline 90-401 high range - 630 cpm

1 RM-90-260 - 71.4 mr/hr

1 RM-90-261 - 60 mr/hr

The release of radiation will necessitate emergency onsite and offsite environs monitoring and other assessments.

At approximately 0950 CST, unit 1 receives a reactor trip and safety injection signal due to high steam flow in conjunction with either lolo Tavg or low steam line pressure. This safety injection signal is indicative of a steam line break outside containment.

Operators respond to the emergency and follow appropriate procedures. Telephone calls to the shift engineer indicate a major steam line break outside on 706' elevation in the vicinity of the RWST. Massive steam flow and velocity around the RWST and outside personnel indicate steam flow path may be directly impinging on the RWST.

Operators now notice that the MSIV on loop #3 failed to close, resulting in the blowdown of #3 steam generator.

Operators, at this time, notice RWST low-level alarm and suspect damage to the RWST due to decreasing water level.

Shift engineer declares Site Area Emergency and follow IP #4, SITE AREA EMERGENCY based on abnormal plant conditions.

During the blowdown of Loop 3 steam generator the operators take appropriate actions and isolate auxiliary feedwater to the faulted #3 steam generator.

During the next 2 hours the operators begin a controlled cool down and depressurization of the reactor coolant system. At approximately 1205 CST the HP supervisor calls the shift engineer and informs him that steam has again started blowing from the faulted main steam line and that HP technicians report it to be radioactive. Based on the SE suspecting a S.G. tube break or rupture, he upgrades from SITE AREA EMERGENCY to a GENERAL EMERGENCY.

The operator takes whatever action he can to keep the core covered with water. These actions are initially an injection of UHI and injection of cold-leg accumulators. After these actions are taken, the only source of water to the reactor core is from the primary water storage tank via the blender to the volume control tank and charging pump suction. This allows the operator to provide 200 gpm of water to the reactor. Maintenance will eventually align a diesel pump to allow water to be pumped into the RWST. Water can be pumped into the tank up to the level of the puncture. This water can then be pumped into the reactor. This process can be cycled and provides enough water to keep the core from becoming uncovered.

The release continues until approximately 1800 CST, at which time the MSIV on loop #3 is completely closed.

Radiation release to the atmosphere stops.

ATTACHMENT 1

EXERCISE DIRECTION AND OBSERVATION

A. Exercise Direction and Guidance by Controllers:

1. Exercise Director Assignments/Locations
2. Directors Duties/Guidance
3. Controllers Assignments/Locations
4. Controllers Duties/Guidance
5. Messages/Input - Directors/Controllers

B. Exercise Observation and Critique/Observers:

1. Observers Assignemnts/Locations
2. Observers Duties/Guidance
3. Critique Reports/Exercise Areas of Concern

A. Exercise Direction and Guidance by Controllers

1. Exercise Directors Assignments/Location

See attachment 1A for a list of all controllers and their locations.

An exercise director, who principally ensures that the TVA emergency organization responds appropriately to the scenario events will be located at the CECC. He will prompt controllers as appropriate and resolve unforeseen situations, including coordination with designated state officials as appropriate if events occur that could potentially alter the "course" of the exercise.

2. Directors Duties/Guidance

Generally, the director will principally ensure that the exercise is kept moving and that any unexpected or unforeseen circumstances do not significantly change the "course" of the exercise. At principal EOC/ECC locations, controllers are to input data, answer inquires, or direct/prompt participants that certain actions may be appropriate under their procedures. These prompts should be coordinated with the director as appropriate.

3. Controllers Assignments/Locations

See attachment 1A for a list of controllers and their locations.

Controllers are to input prescribed data into the exercise, answer appropriate inquires into the exercise scope, and to indicate if information is available for situations not addressed or in response to questions.

Certain controllers are designated as controllers/observers and are requested to note the participant's response of their use of data provided primarily after radiation monitoring and/or other tests are conducted.

4. Scenario Input Data - Directors/Controllers

Prescribed input is provided primarily for controllers to give to in-plant/offsite participants.

Director's input will be principally on policy matters on an ad hoc basis. The director may choose to clarify, limit, or restrict certain controller data input as appropriate.

B. Exercise Observation and Critique/Observers

1. Observer Assignments/Locations

Attachment 1B lists observers and their locations.

ATTACHMENT 2

RADIOLOGICAL RELEASES FOR OBSERVERS

The time schedule of events indicate two ground level releases during the course of the exercise. The first release occurs at 0800 CST when a relief valve on a waste gas decay tank relief valve fails to open and does not reset. The duration of this release is approximately 1 hour. The source term is assumed to be 3.0 E+6 microcuries per second of noble gases. This release results in the following dose rates offsite.

Distance	D (Total Body)	D (Child Thyroid)
1 mile	3.4 mrem/hr	0
2 miles	1.7 mrem/hr	0
5 miles	0.6 mrem/hr	0
10 miles	0.15 mrem/hr	0

The second release begins at 1200 CST and continues for approximately 6 hours. The release is the result of a main steam line break outside containment followed two hours later by a steam generator tube failure. This sequence provides a pathway to the environment for primary loop water. The source term for this release decreases with time as indicated in the following list.

	Release Rates µCi/Sec		
Time	Noble Gas	Total Iodine	Iodine 131
1200-1210	2.3 E+6	1.3 E+6	7.8 E+5
1210-1220	1.4 E+6	7.6 E+5	4.6 E+5
1220-1240	1.3 E+6	7.5 E+5	4.6 E+5
1240-1400	9.0 E+5	5.0 E+5	3.1 E+5
1400-1500	2.3 E+5	1.3 E+5	7.9 E+4
1500-1600	2.1 E+5	1.2 E+5	7.3 E+4
1600-1700	1.7 E+5	9.5 E+4	5.8 E+4
1700-1800	1.3 E+5	7.0 E+4	4.3 E+4

Typical offsite doses resulting from this release are as follows:

Distance	D (Total Body)	D (Child Thyroid)
1 mile	4.4 mrem/hr	120 rem/hr
2 miles	2.5 mrem/hr	20 rem/hr
5 miles	0.5 mrem/hr	15 rem/hr
10 miles	0.1 mrem/hr	3.5 rem/hr

ATTACHMENT 3

OBSERVER/CONTROLLER CRITIQUE WORKSHEETS

Observers will be supplied with worksheets which will detail the areas on which observers are expected to supply comments. These worksheets will also have space for other comments which the observers may have. These worksheets will be included in the final observer/controller package.

Controllers will be supplied with the following worksheet which will enable them to document the control process that took place in the exercise.

CONTROLLER WORKSHEET

1. Did you have to prompt any player(s) to take appropriate actions?

2. Did any players make suggestions which would have significantly mitigated the emergency but which you had to disallow to keep the scenario on track?

3. Did any changes have to made to the scenario during the exercise?

4. Comments:

ATTACHMENT 4

METEOROLOGICAL DATA SUMMARY

The meteorological data used during this exercise is "canned." It was developed by TVA meteorologists. A meteorologist will act as a controller to input the "canned" information as necessary and will also be available to interpret the data as required.

Control Time*	Plume Direction (22-1/2° Sector)	Wind Speed M/S	Stability Class	Precipitation (MM)
0800	ESE	2	E	0
0900	E	4.8	E	0
1000	ESE	4.5	E	0
1100	E	3	E	0
1200	ESE	1.9	E	0
1300	ESE	2.3	E	0
1400	SE	4	D	0
1500	S	5	D	0
1600	S	5.4	D	0
1700	S	5	D	0
1800	S	4.4	D	0
1900	S	4.1	D	0
2000	S	3.9	E	0
2100	SSW	4.2	E	0

*Hourly average data ending at the time indicated (i.e., 0800 contains the average of data between 0701 and 0800).

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time: T = - 15 Minutes

Message: THIS IS A DRILL.

The 1985 SQN REP Exercise sequence of events will start shortly.

Please prefix all initial messages and notifications which you make or are responsible for making with the words - THIS IS A DRILL, NO REAL EMERGENCY EXISTS." If any time during this exercise a real emergency occurs the site emergency director may terminate the exercise if he feels continuation of the exercise may adversely affect the plant response to the real emergency.

INITIAL CONDITIONS FOR SNP UNITS 1 AND 2

Unit 1

*Running at 100% power.

*End of life with RCS boron concentration at 155 ppm.

*All conditions normal.

*Reactor coolant system specific activity high due to fuel cladding leakers.

*Activity at 0.90 microcuries/gram dose equivalent I-131.

Unit 2

*Running at 100% power

*Beginning of life with RCS boron concentration at 985 ppm.

*All conditions normal.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time: T = 0

Message: THIS IS A DRILL.

This is the beginning of the exercise Sequence of Events.

Alarm received from 0-RM-90-118.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For:	Shift Engineer
Date:	February 6, 1985
Time:	0807 T = 7 Minutes
Message:	THIS IS A DRILL.

Alarm received from 1-RM-90-100.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Control Room Controller

Date: February 6, 1985

Time: T = 8 Minutes

Message: THIS IS A DRILL.

To ensure that the scenario stays on track make sure that the shift engineer classifies the event as an ALERT. Depending on the assumptions the shift engineer makes IP-1 could lead to the declaration of either an alert or site area emergency. Allow the SE to go through his logic and reach a classification the event based on his assumptions. If the SE arrives at a site area emergency classification inform him that the scenario requires that the event be classified as an Alert at this time.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Control Room Controller

Date: February 6, 1985

Time: T = 20 Minutes

Message: THIS IS A DRILL.

By this time the shift engineer should have declared an ALERT based on radiological effluents potentially exceeding 10 times Tech Spec instantaneous limits or high reading on 1-RM-90-100. The shift engineer should also have contacted HP for dose assessment. If these actions have not been taken you should instruct the shift engineer to initiate them.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: AUO/Control Room Controller

Date: February 6, 1985

Time: T = 35 Minutes

Message: THIS IS A DRILL.

"A" waste gas decay tank pressure has decreased from 105 psig to 70 psig and is continuing to decrease.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Control Room Co..troller

Date: February 6, 1985

Time: T = 40 Minutes

Message: THIS IS A DRILL.

By this time the shift engineer should have contacted HP and a maintenance team and given instructions that the valve vault should be entered to isolate manual valves in O-RM-90-118 flow path. If this action is not in process you should instruct the shift engineer to initiate it.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: TSC Controller/Exercise Director

Date: February 6, 1985

Time: T = 1 Hour

Message: THIS IS A DRILL.

The ALERT condition is not to be downgraded at this time. The state will have dispatched rad monitoring teams to measure offsite radiation levels. The emergency centers will stay in the ALERT condition to support the state effort.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time: T = 2 Hours

Message: THIS IS A DRILL.

Unit 1 receives a reactor trip and safety injection signal.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time: T = 2 Hours, 1 Minute

Message: THIS IS A DRILL.

Both the red and green status lights are illuminated on MSIV valve on loop 3.

All other Engineered Safety Features equipment operates as expected.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Control Room Controller

Date: February 6, 1985

Time: T = 2 Hours, 3 Minutes

Message: THIS IS A DRILL.

Operator should terminate auxiliary feedwater to the faulted 3 steam generator. All remaining steam generators are intact and operable.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time: T = 2 Hours, 5 Minutes

Message: THIS IS A DRILL.

Alarm received on the refueling water storage tank (RWST) level.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Control Room Controller

Date: February 6, 1985

Time: T = 2 Hours, 5 Minutes

Message: THIS IS A DRILL.

The operators should relate the RWST level alarm to ECCS equipment starting and should continue following emergency instruction.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Control Room Controller

Date: February 6, 1985

Time: T = 2 Hours, 10 Minutes

Message: THIS IS A DRILL.

Operators should notice that the RWST level has decreased much more than expected and is still decreasing.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Control Room Controller

Date: February 6, 1985

Time: T = 2 Hours, 15 Minutes

Message: THIS IS A DRILL.

If he has not already done so, instruct the shift engineer to send someone (AUO or maintenance personnel) to inspect the damage and call in a damage report.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: TSC Controller

Date: February 6, 1985

Time: T = 2 Hours, 25 Minutes

Message: THIS IS A DRILL.

The event should have been upgraded to SITE AREA EMERGENCY based on abnormal plant conditions and also due to severe damage to safe shutdown equipment from loss of RWST volume. If not already declared or in process you should inform the Site Emergency Director to upgrade the event to a SITE AREA EMERGENCY.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: TSC Controller

Date: February 6, 1985

Time: T = 2 Hours, 30 Minutes

Message: THIS IS A DRILL.

If not already dispatched or in process HP environmental monitoring team should be dispatched to take onsite measurements.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Control Room Controller

Date: February 6, 1985

Time: T = 2 Hours, 30 Minutes

Message: THIS IS A DRILL.

Operators now have safety injection termination criteria.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Control Room Controller

Date: February 6, 1985

Time: T = 2 Hours, 35 Minutes

Message: THIS IS A DRILL.

Operators should trip and lockout all pumps taking suction from the RWST, isolate the Boron Injection Tank and align charging pump suction back to the volume control tank.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Control Room Controller

Date: February 6, 1985

Time: T = 2 Hours, 35 Minutes

Message: THIS IS A DRILL.

Operators should begin a controlled cool down and depressurization of the reactor coolant system to get on RHR cooling.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time: T = 2 Hours, 35 Minutes

Message: THIS IS A DRILL.

Operators begin a controlled cool down and depressurization of the reactor coolant system to get on RHR cooling.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

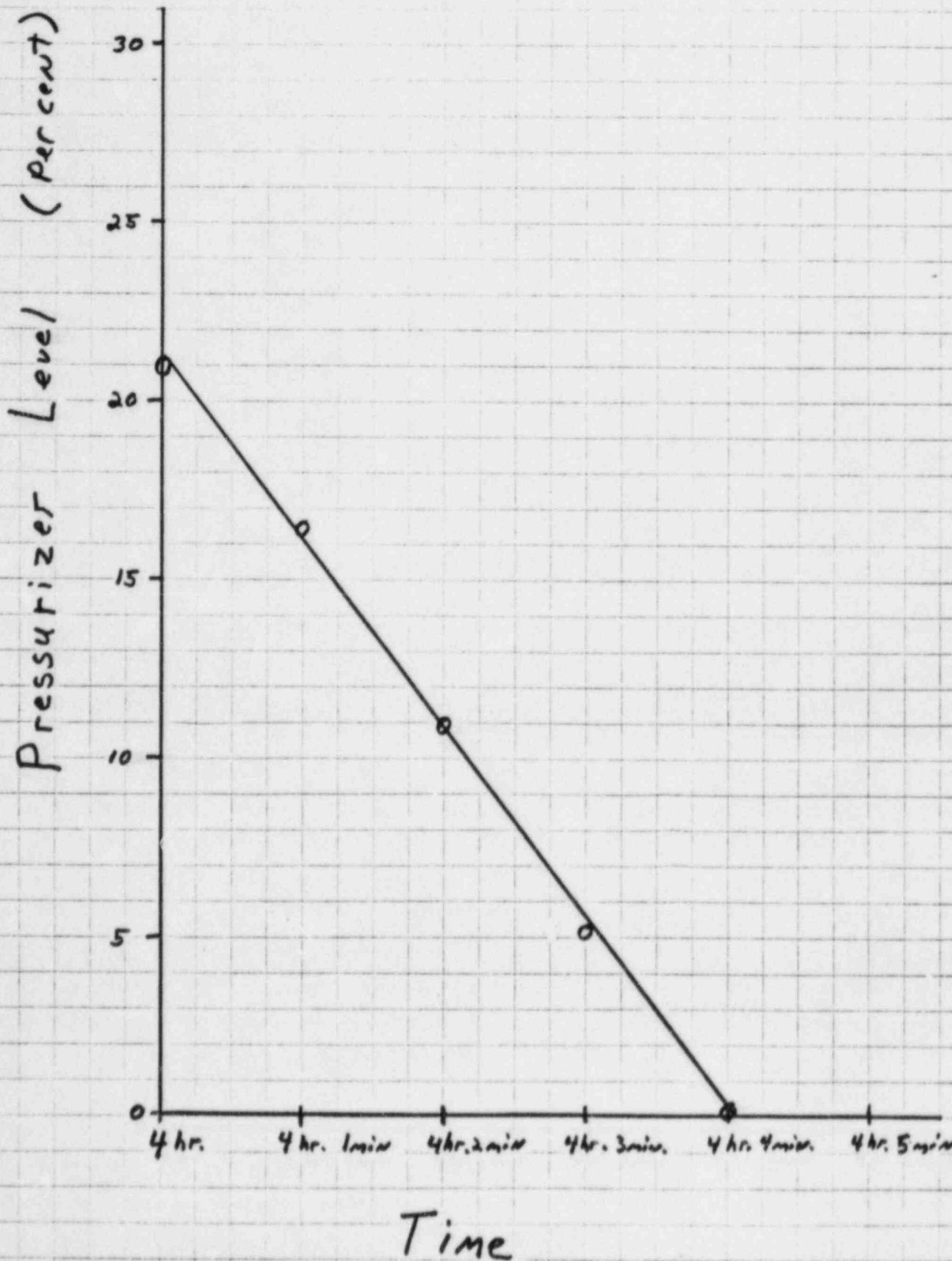
Message For: Shift Engineer

Date: February 6, 1985

Time: T = 4 Hours, 10 Minutes

Message: THIS IS A DRILL.

A rapid drop in pressurizer level and reactor coolant system pressure occurs. Operators cannot maintain level in the pressurizer.


Pressurizer Level (Per cent)
30
25
20
15
10
5
0
4 hr.
4 hr. 1 min
4 hr. 2 min
4 hr. 3 min.
4 hr. 4 min.
4 hr. 5 min.
Time

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Control Room Controller

Date: February 6, 1985

Time: T = 4 Hours, 15 Minutes

Message: THIS IS A DRILL.

Based on loss of pressurizer level and decreasing RCS pressure, the shift engineer should suspect steam generator tube failures in #3 steam generator.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: ~~Shift Engineer~~

Date: February 6, 1985

Time: T = 4 Hours, 20 Minutes

Message: THIS IS A DRILL.

Operators have verified that the steam flow is indeed coming from the faulted No. 3 MSL.

Omit

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Control Room Controller

Date: February 6, 1985

Time: 4 Hours, 22 Minutes

Message: THIS IS A DRILL.

HP should be dispatched to take radiation readings in the area of the MSL break.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: TSC Controller

Date: February 6, 1985

Time: T = 4 Hours, 25 Minutes

Message: THIS IS A DRILL.

If not already accomplished or in process the event should be upgraded to GENERAL EMERGENCY based on containment failure.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: TSC Controller/Control Room Controller

Date: February 6, 1985

Time: T = 4 Hours, 55 Minutes

Message: THIS IS A DRILL.

The makeup water source to the reactor core is from the primary water storage tank via the blender to the VCT and charging pump suction.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Control Room Controller/TSC Controller

Date: February 6, 1985

Time: T = 5 Hours, 10 Minutes

Message: THIS IS A DRILL.

Massive steam generator tube failures are suspected due to the large amount of steam coming from MSL break.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Control Room Controller

Date: February 6, 1985

Time: T = 5 Hours, 35 Minutes

Message: THIS IS A DRILL.

Operators still injecting approximately 200 gpm into reactor core through the charging pumps. Primary water storage tank level now at 29 ft. (95%).

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Site Emergency Director

Date: February 6, 1985

Time: T = 11 Hours

Message: THIS IS A DRILL.

Terminate onsite exercise activities.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: CECC Director

Date: February 6, 1985

Time: 2000 Hours

Message: THIS IS A DRILL.

Terminate exercise.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: HP Controller

Date: February 6, 1985

Time: T = 25 Minutes

Message: THIS IS A DRILL.

If not already in process you should instruct the HP to dispatch the HP monitoring van to take onsite radiation measurements.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: AUO/Control Room Controller

Date: February 6, 1985

Time: T = 35 Minutes

Message: THIS IS A DRILL.

"A" waste gas decay tank pressure has decreased from 105 psig to 70 psig and is continuing to decrease.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Maintenance Team in Valve Vault

Date: February 6, 1985

Time: T = 55 Minutes

Message: THIS IS A DRILL.

Valves 0-77-840C, 0-77-269 and 0-77-270 have been isolated.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Maintenance Team

Date: February 6, 1985

Time: T = 1 Hour

Message: THIS IS A DRILL.

"A" waste gas decay tank pressure stable at 38 psig.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Public Safety Officer

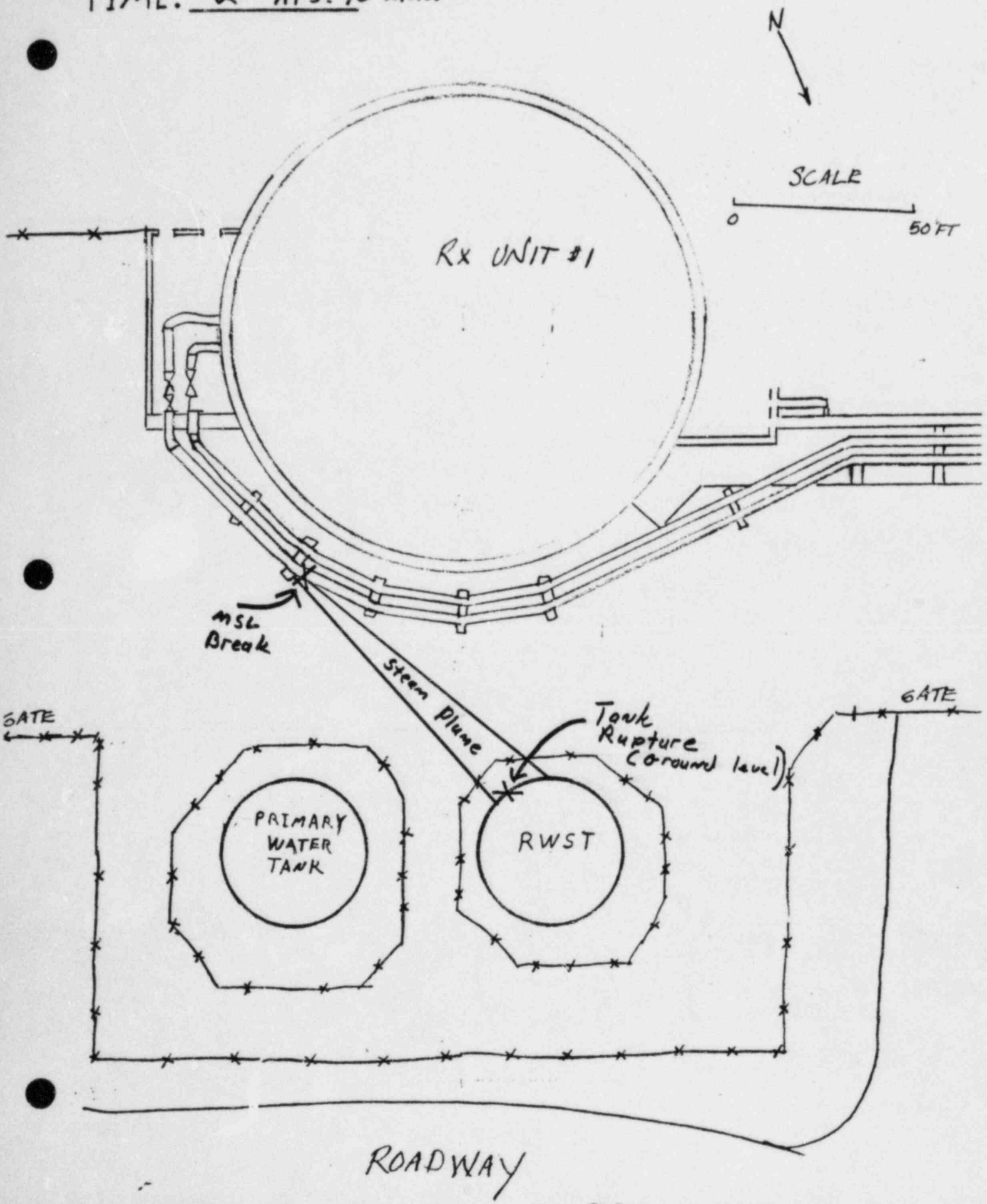
Date: February 6, 1985

Time: T = 2 Hours, 10 Minutes

Message: THIS IS A DRILL.

Steam is coming out of one of the pipes alongside the unit 1 containment building. Also water is pouring out of one of the water tanks adjacent to the unit 1 containment building.

TIME: 2 hrs. 10 min.



SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Chemistry Controller

Date: February 6, 1985

Time: T = 2 Hours, 15 Minutes

Message: THIS IS A DRILL.

If not already taken after the reactor trip a primary water sample should be taken for isotopic analysis.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: AUO/Maintenance Team Near Unit 1 RWST

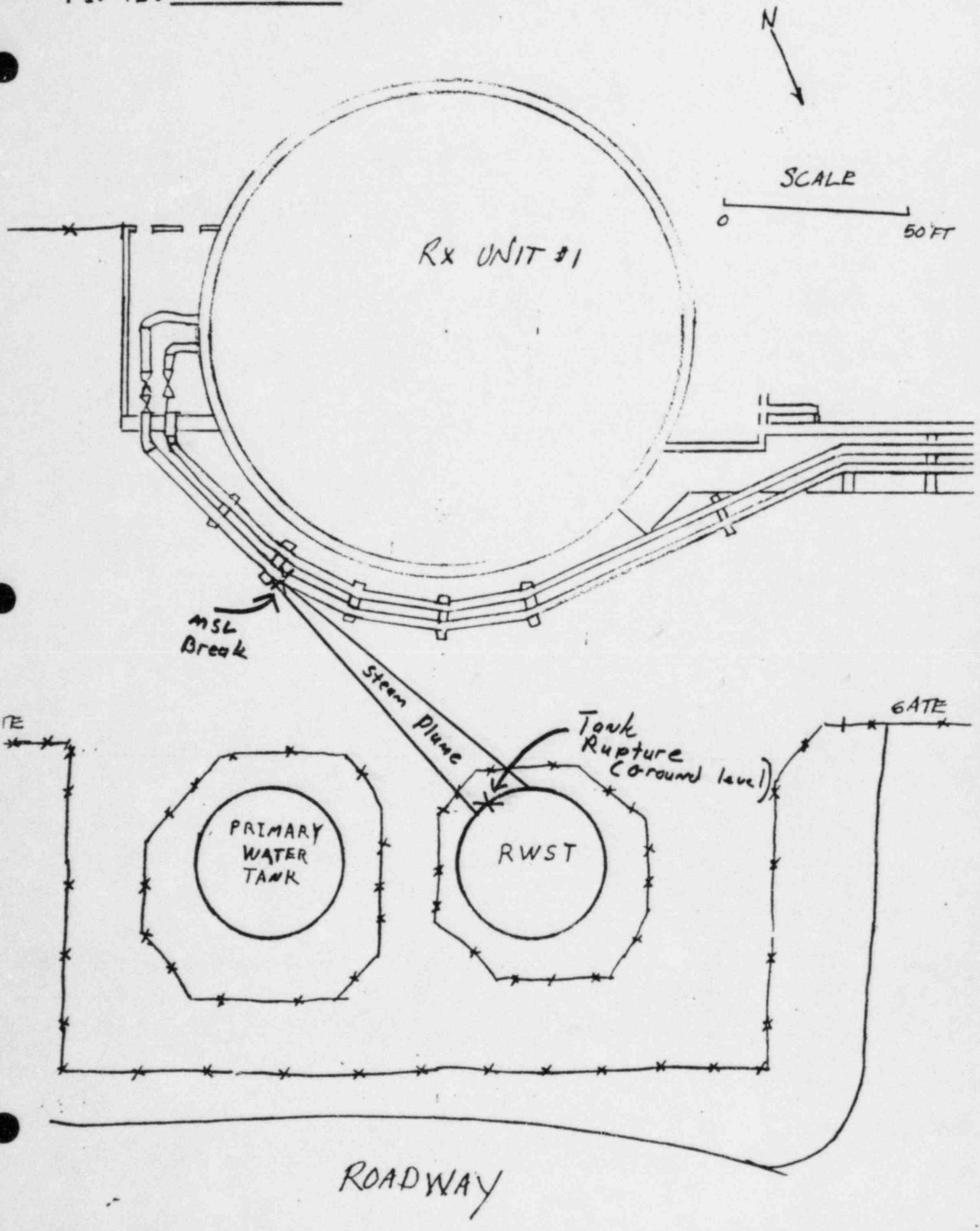
Date: February 6, 1985

Time: T = 2 Hours, 20 Minutes

Message: THIS IS A DRILL.

The Refueling Water Storage Tank (RWST) has been damaged, due to a main steam line rupture. There is a rupture near the bottom of the tank apparently caused by a piece of construction equipment that was propelled into the tank by the force of the steam. A large volume of water is flowing out of this break at the bottom.

TIME: 2 hrs. 20 min.



SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Chemistry Controller

Date: February 6, 1985

Time: T = 3 Hours, 30 Minutes

Message: THIS IS A DRILL.

Results of chemical samples analysis indicate approximately 1% clad failure.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Maintenance Team in Area of RWST/Public Safety

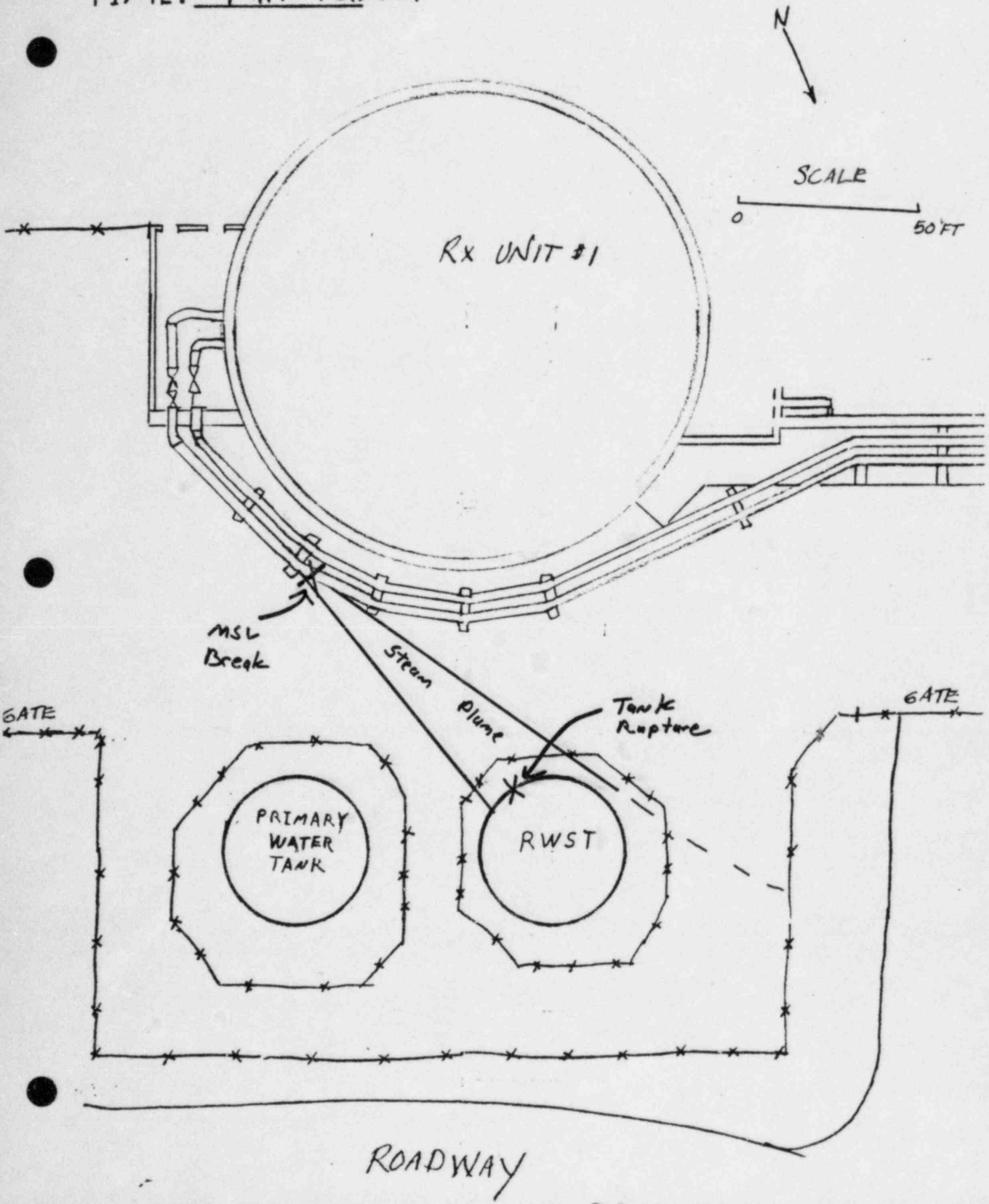
Date: February 6, 1985

Time: T = 4 Hours, 12 Minutes

Message: THIS IS A DRILL.

Steam has again started blowing from the faulted MSL.

TIME: 4 hr. 12 min.



SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Maintenance Team in Area of RWST

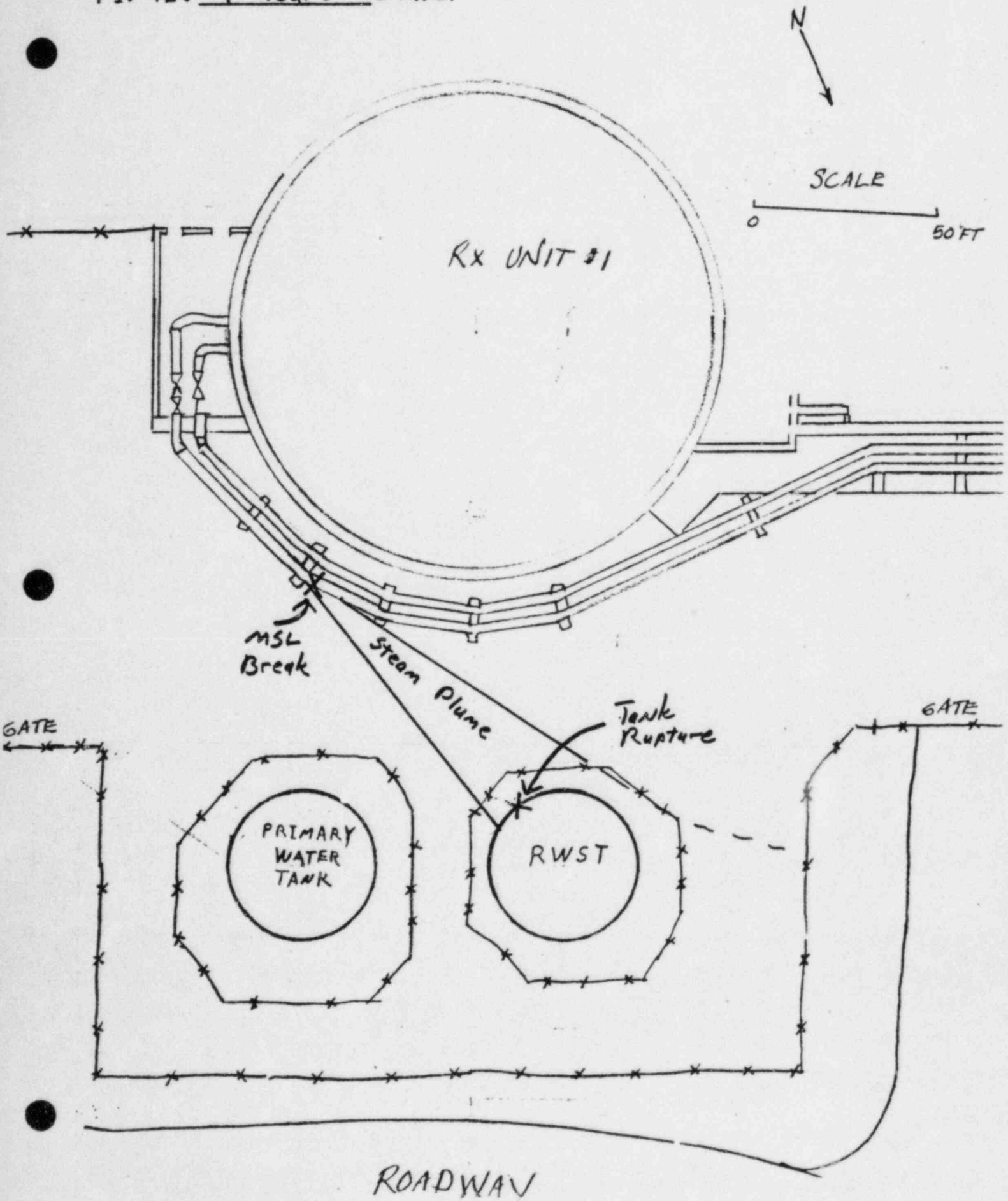
Date: February 6, 1985

Time: T = 4 Hours, 30 Minutes

Message: THIS IS A DRILL.

Massive amounts of steam continue to come out the MSL break however the amount of steam being released is not as great as when first noticed at 4 hours, 12 minutes.

TIME: 4 hours 30 min.



SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Maintenance Team in Area of RWST

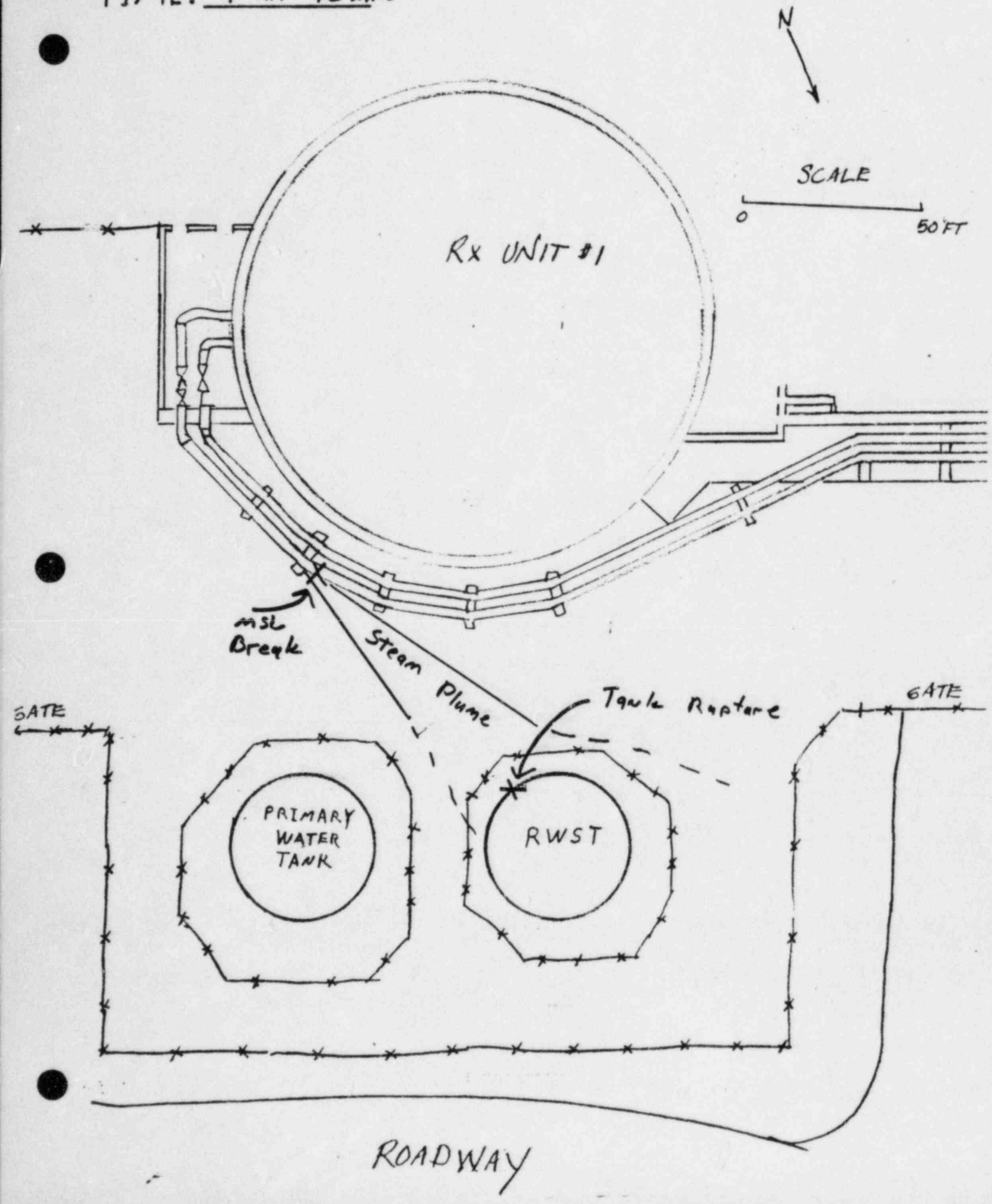
Date: February 6, 1985

Time: T = 4 Hours, 45 Minutes

Message: THIS IS A DRILL.

Large amounts of steam continue to come out the MSU break but the volume is noticibly reduced from the volume that was escaping at 4 hours, 30 minutes.

TIME: 4 hr. 45 min



SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Maintenance Team Near RWST

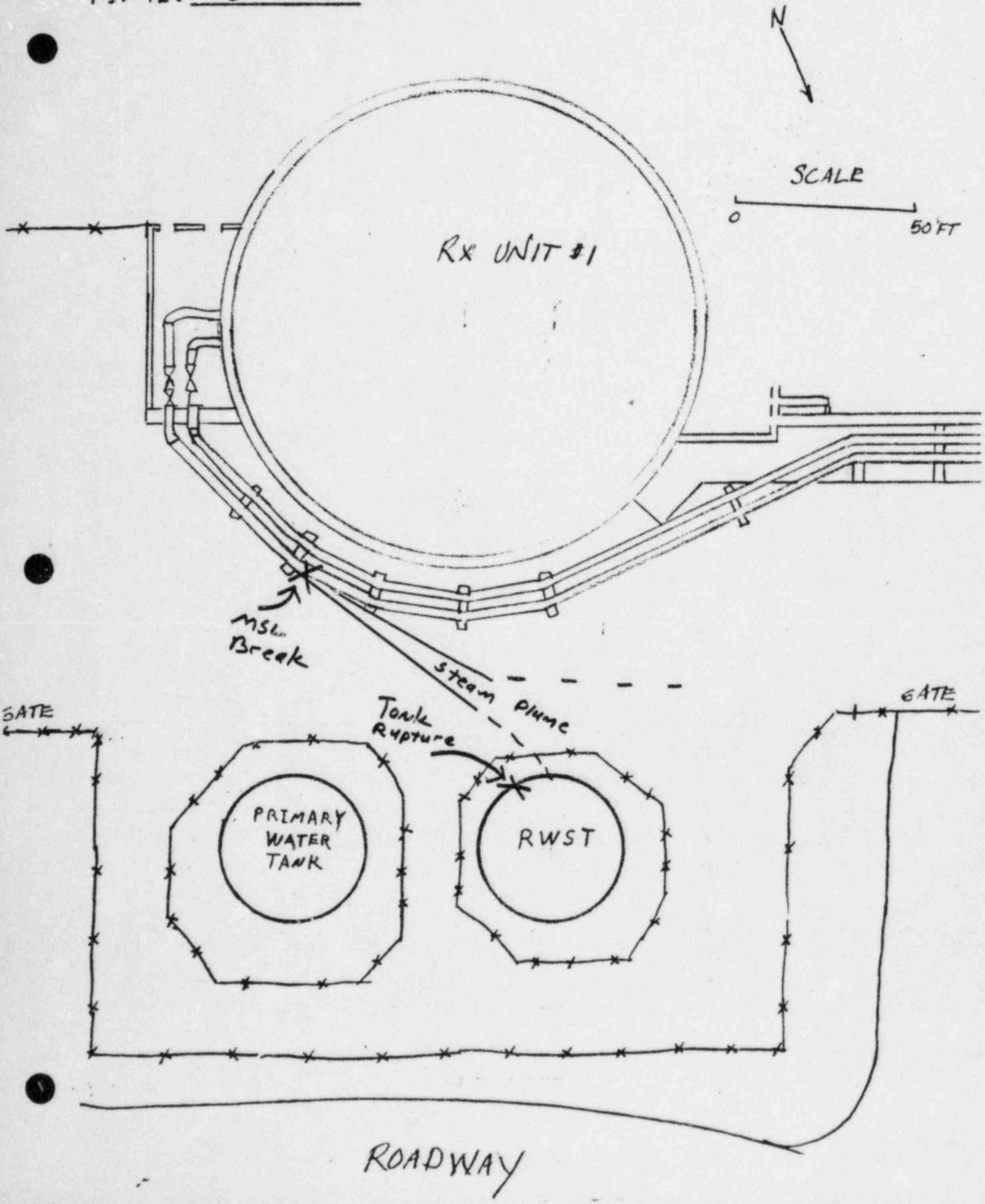
Date: February 6, 1985

Time: T = 6 Hours

Message: THIS IS A DRILL.

Steam continues to come out the MSL break but the volume is noticibly reduced from the volume that was escaping at 4 hours, 45 minutes.

TIME: 6 hrs.


N
SCALE
0
50 FT
Rx UNIT #1
MSL Break
steam plume
GATE
Tank Rupture
GATE
PRIMARY WATER TANK
RWST
ROADWAY

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Controller with Maintenance Team at RWST

Date: February 6, 1985

Time: T = 6 Hours, 30 Minutes

Message: THIS IS A DRILL.

The most probable method to get water to the RWST is to align the diesel pump to allow water to be pumped into RWST. Water can be pumped into the RWST up to the level of the rupture.

Other methods of supplying water to the RWST would also be acceptable.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Maintenance Team Near RWST

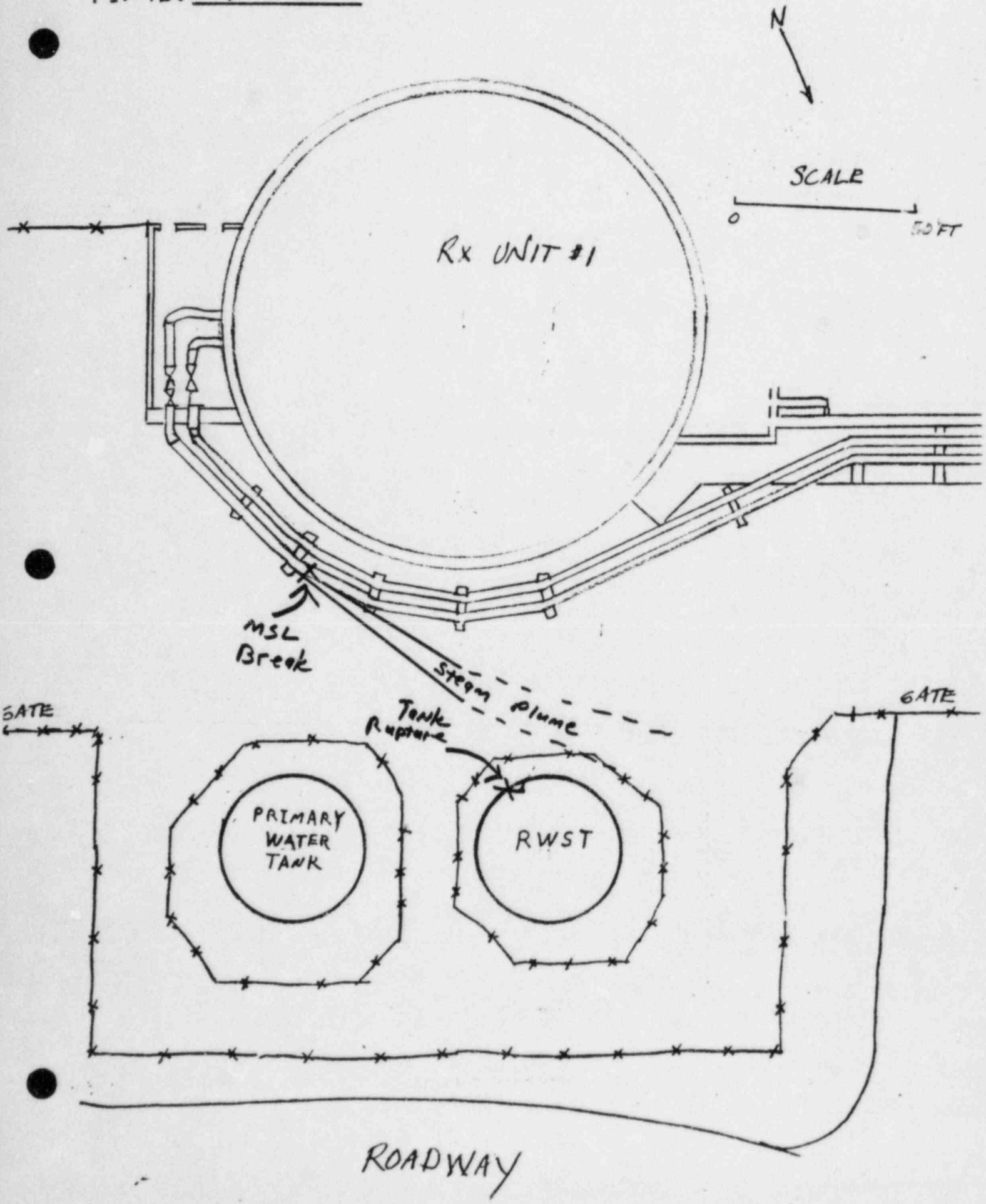
Date: February 6, 1985

Time: T = 7 Hours

Message: THIS IS A DRILL.

Steam continues to come out the MSL break but the volume is noticibly reduced from the volume that was escaping at 6 hours.

TIME: 7 hrs.


N
SCALE
0
50 FT
Rx UNIT #1
MSL Break
Steam plume
Tank Rupture
GATE
GATE
PRIMARY WATER TANK
RWST
ROADWAY

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Maintenance Team Near RWST

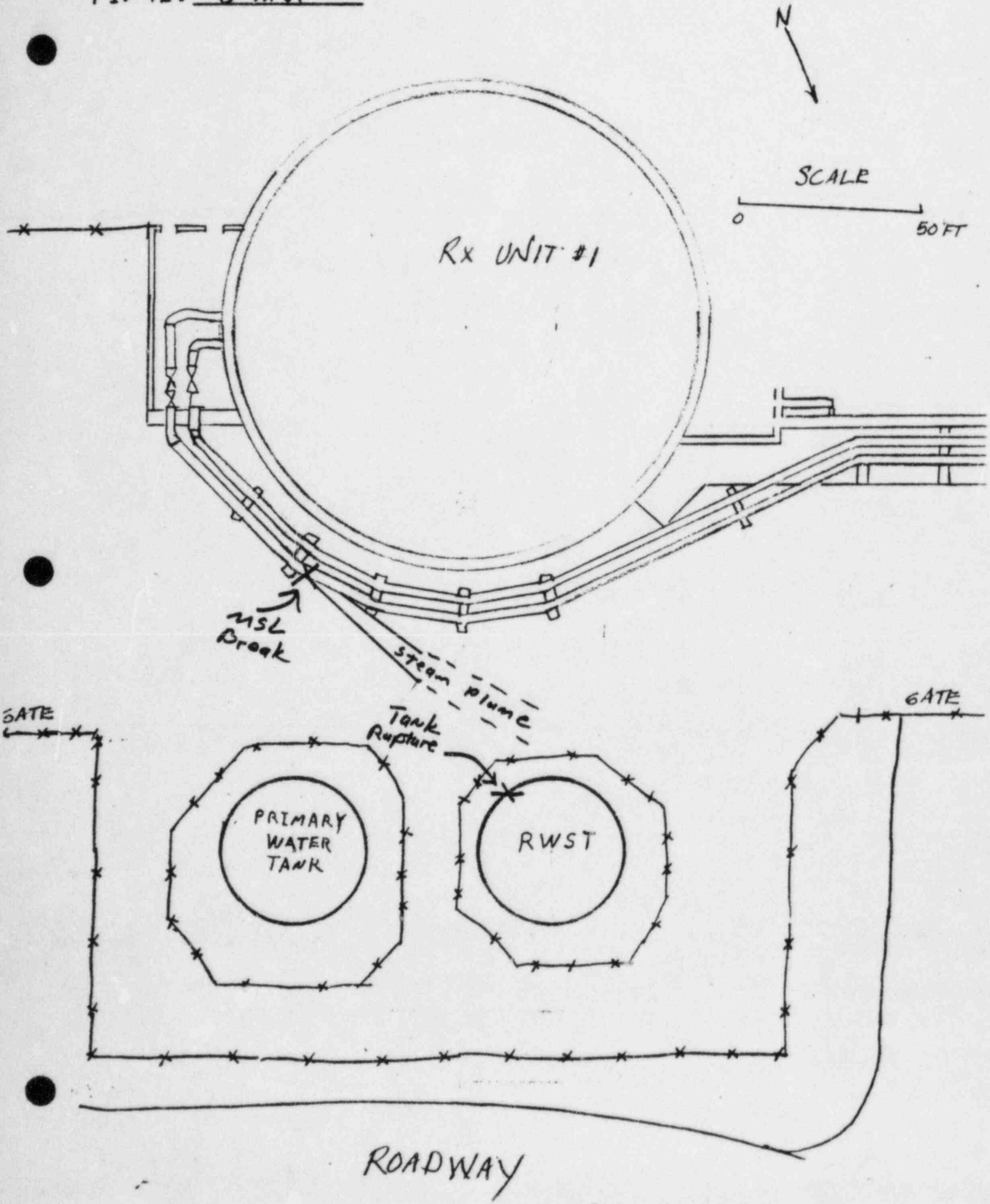
Date: February 6, 1985

Time: T = 8 Hours

Message: THIS IS A DRILL.

A slight reduction in the amount of steam escaping from the MSL break has just been observed.

TIME: 8 hrs.


N
SCALE
0
50 FT
RX UNIT #1
MSL Break
Steam plume
GATE
Tank Rupture
GATE
PRIMARY WATER TANK
RWST
ROADWAY

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Controller with Maintenance Team at #3 Loop MSIV

Date: February 6, 1985

Time: T = 8 Hours, 30 Minutes

Message: THIS IS A DRILL.

Still working to unjam MSIV on #3 loop. Efforts have not met with any success.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Maintenance Team Near RWST

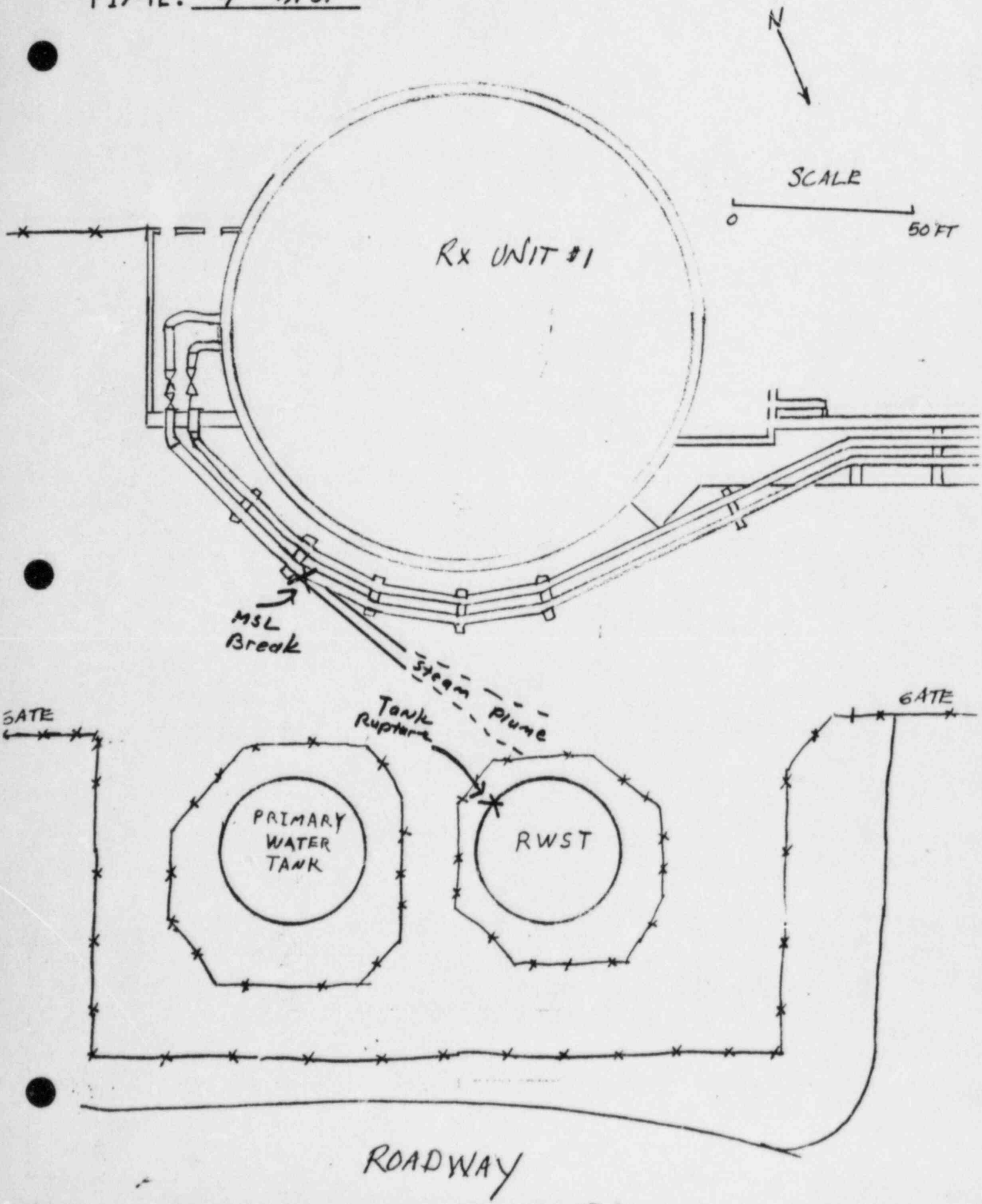
Date: February 6, 1985

Time: T = 9 Hours

Message: THIS IS A DRILL.

A slight reduction in the amount of steam escaping from the MSL break has again been observed.

TIME: 9 hrs.


N
SCALE
0
50 FT
Rx UNIT #1
MSL Break
Steam Plume
Tank Rupture
GATE
GATE
PRIMARY WATER TANK
RWST
ROADWAY

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Maintenance Team at #3 Loop MSIV

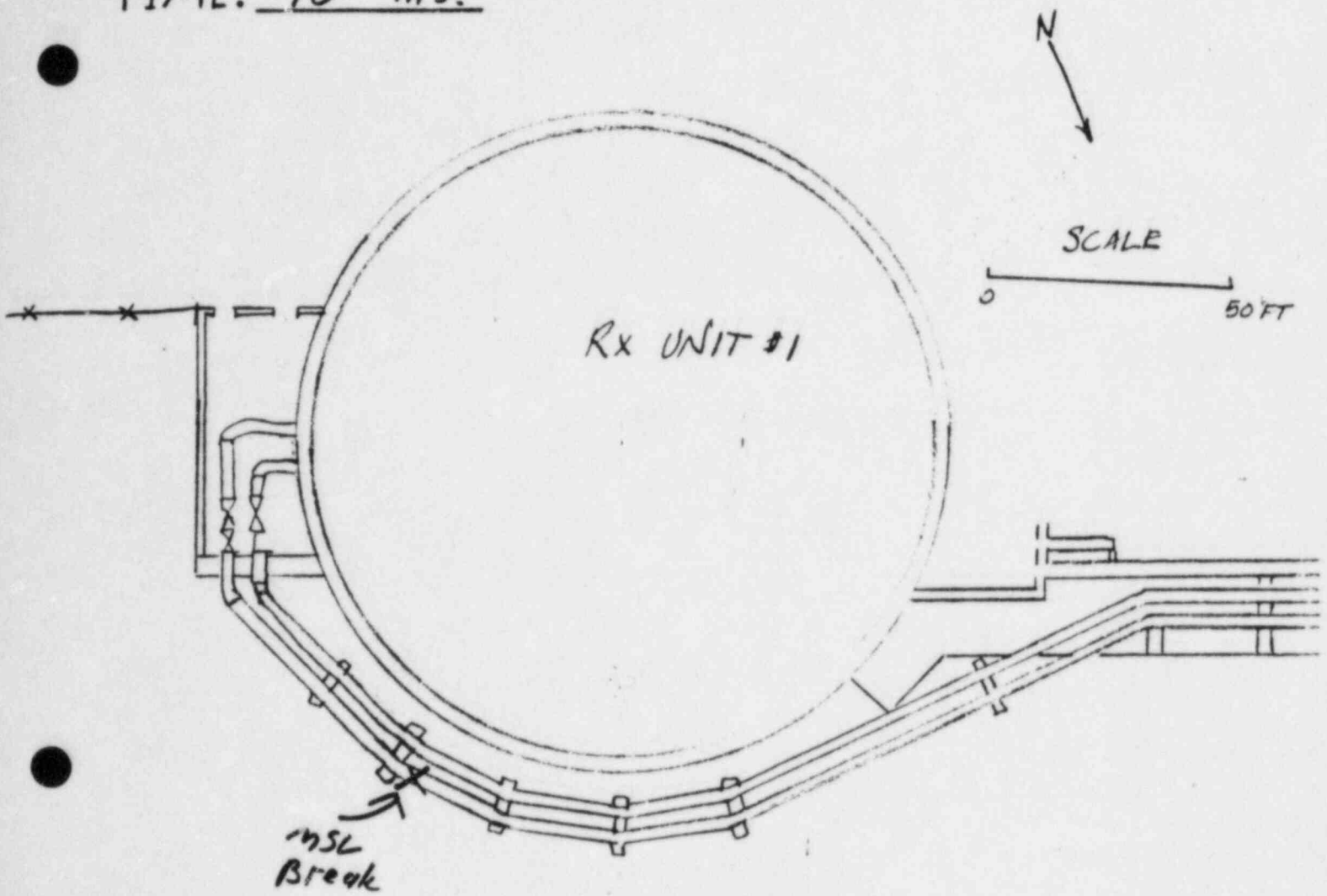
Date: February 6, 1985

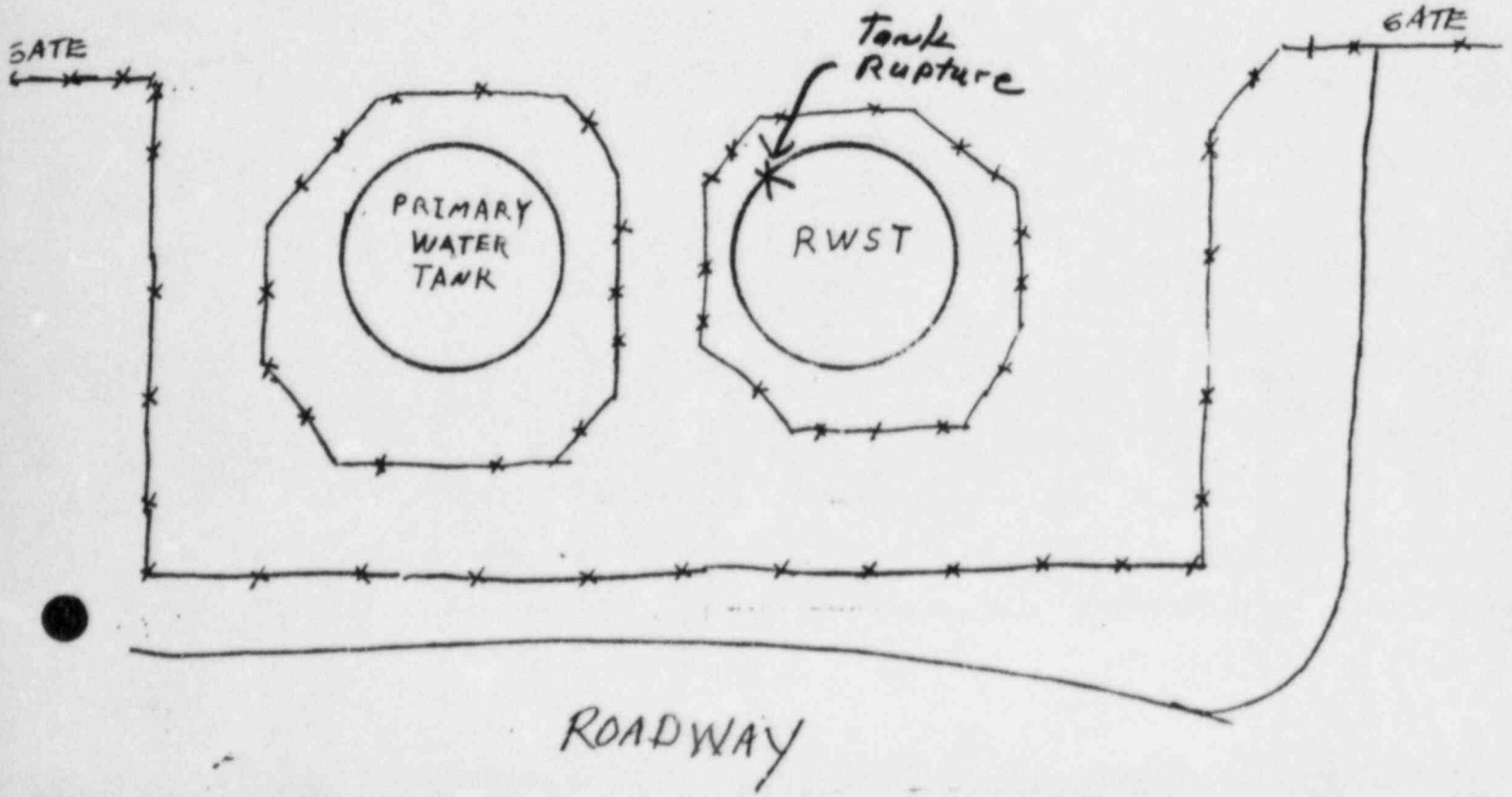
Time: T = 10 Hours

Message: THIS IS A DRILL.

Loop 3 MSIV closed completely.

TIME: 10 hrs.


N
SCALE
0
50 FT
Rx UNIT #1
MSL Break


GATE
Tank Rupture
GATE
PRIMARY WATER TANK
RWST
ROADWAY

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: HP Team at Loop #3 MSIV

Date: February 6, 1985

Time: T = 10 Hours, 20 Minutes

Message: THIS IS A DRILL.

Radiation release through the MSL break has been terminated.

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time T=-15 min Unit 1

1. Condensate Storage Tank Level, ft. A 29'6" (LI-2-230A) B 29'6" (LI-2-233A)
2. Steam Generator Heat Sink Condenser X Atmosphere ____
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 44 (LI-3-39) 2 44 (LI-3-52) 3 43 (LI-3-94) 4 44 (LI-3-107)
5. Steam Generator Level (wide range) % 1 71 (LI-3-43) 2 72 3 70 (LI-3-98) 4 73
6. Steam Generator Pressure, psig 1 870 (PI-1-2A) 2 860 (PI-1-9A) 3 880 (PI-1-20A) 4 870 (PI-1-27A)
7. Source Range, cps N31 0 (XI-92-5001B) N32 0 (XI-92-5002B)
8. Intermediate Range, ma N35 4.8×10^{-4} (EI-92-5003B) N36 4.5×10^{-4} (EI-92-5004B)
9. Pressurizer Level, % 60 (LI-68-335) 61 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 2300 (PI-68-342A) Narrow Range 2235 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 2225 (PR-68-~~66~~)69
12. Reactor Coolant System T_{Hot} (wide range)°F 1 620 (TR-68-1) 2 615 3 615 (TR-68-43) 4 615
13. Reactor Coolant System T_{Cold} (wide range)°F 1 550 (TR-68-18) 2 547 3 550 4 545 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby X Injection ____ Recirculation ____
16. RWST Level, % 99 (LI-63-50) 98 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).08 (PI-30-44) (+).08 (PI-30-45)
20. Incore Thermocouples, °F 1 550 (60) 2 610 (54) 3 609 (44) 4 613 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= -15 min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= -15 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____ / _____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time T=0 Unit 1

1. Condensate Storage Tank Level, ft. A 29'6" (LI-2-230A) B 29'6" (LI-2-233A)
2. Steam Generator Heat Sink Condenser X Atmosphere ____
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 44 (LI-3-39) 2 44 (LI-3-52) 3 43 (LI-3-94) 4 44 (LI-3-107)
5. Steam Generator Level (wide range) % 1 71 (LI-3-43) 2 71 3 70 4 71 (LI-3-98)
6. Steam Generator Pressure, psig 1 870 (PI-1-2A) 2 865 (PI-1-9A) 3 870 (PI-1-20A) 4 870 (PI-1-27A)
7. Source Range, cps N31 0 (XI-92-5001B) N32 0 (XI-92-5002B)
8. Intermediate Range, ma N35 4.8×10^{-4} (EI-92-5003B) N36 4.5×10^{-4} (EI-92-5004B)
9. Pressurizer Level, % 60 (LI-68-335) 61 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 2300 (PI-68-342A) Narrow Range 2235 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 2220 (PR-68-~~66~~69)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 620 (TR-68-1) 2 620 3 615 4 615 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 550 (TR-68-18) 2 550 3 560 4 550 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby X Injection ____ Recirculation ____
16. RWST Level, % 97 (LI-63-50) 98 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+) .08 (PI-30-44) (+) .09 (PI-30-45)
20. Incore Thermocouples, °F 1 550 (60) 2 610 (54) 3 609 (44) 4 613 (41)

REMARKS:

Data by: _____ /_____

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T=0 Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	2500
5.	Upper Containment Total Gas, RM-90-112B, cpm	3000
6.	Upper Containment Iodine, RM-90-112C, cpm	200
7.	Shield Building Vent Particulate, RM-90-100A, cpm	Elevated
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	OFFSCALE - High
9.	Shield Building Vent Iodine, RM-90-100C, cpm	Elevated
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

0-RM-90-118 = OFFSCALE HIGH

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T=0 Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	71.4
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	60
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	13
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $\leq 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $\leq 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* ≤ 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

Eberline 90-401 = 630 CPM
90-402 = 51,200 CPM
90-403 = OFF scale high

Data by: * indicates minimum meter indication

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time T= 7 min. Unit 1

1. Condensate Storage Tank Level, ft. A 29'6" (LI-2-230A) B 29'6" (LI-2-233A)
2. Steam Generator Heat Sink Condenser X Atmosphere ____
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 44 (LI-3-39) 2 44 (LI-3-52) 3 43 (LI-3-94) 4 44 (LI-3-107)
5. Steam Generator Level (wide range) % 1 71 (LI-3-43) 2 72 3 71 (LI-3-98) 4 72
6. Steam Generator Pressure, psig 1 870 (PI-1-2A) 2 860 (PI-1-9A) 3 870 (PI-1-20A) 4 870 (PI-1-27A)
7. Source Range, cps N31 0 (XI-92-5001B) N32 0 (XI-92-5002B)
8. Intermediate Range, ma N35 4.8×10^{-4} (EI-92-5003B) N36 4.5×10^{-4} (EI-92-5004B)
9. Pressurizer Level, % 60 (LI-68-335) 61 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 2300 (PI-68-342A) Narrow Range 2235 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 2225 (PR-68-~~64~~69)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 620 (TR-68-1) 2 620 3 615 4 615 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 550 (TR-68-18) 2 550 3 560 4 550 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby X Injection ____ Recirculation ____
16. RWST Level, % 97 (LI-63-50) 98 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).09 (PI-30-44) (+).09 (PI-30-45)
20. Incore Thermocouples, °F 1 550 (60) 2 610 (54) 3 609 (44) 4 613 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 7min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	3000
6.	Upper Containment Iodine, RM-90-112C, cpm	200
7.	Shield Building Vent Particulate, RM-90-100A, cpm	Elevated
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	OFFSCALE - High
9.	Shield Building Vent Iodine, RM-90-100C, cpm	Elevated
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks: O-RM-90-118 = OFFscale - high

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T=7 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	71.4
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	60
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	20
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* < 10^3
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* < 10^3
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-25[illegible], mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* < 10^3

Remarks: Eberline 90-401 = 630 CPM
90-402 = 51,200 CPM
90-403 = OFFSCALE HIGH

* indicates minimum meter indication

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time T= 20 min Unit 1

1. Condensate Storage Tank Level, ft. A 29' 6" (LI-2-230A) B 29' 6" (LI-2-233A)
2. Steam Generator Heat Sink Condenser X Atmosphere
3. Auxiliary Feedwater Flow Available Yes X No
4. Steam Generator Level (narrow range), % 1 44 (LI-3-39) 2 44 (LI-3-52) 3 44 (LI-3-94) 4 44 (LI-3-107)
5. Steam Generator Level (wide range) % 1 71 (LI-3-43) 2 71 3 70 4 72 (LI-3-98)
6. Steam Generator Pressure, psig 1 870 (PI-1-2A) 2 860 (PI-1-9A) 3 870 (PI-1-20A) 4 870 (PI-1-27A)
7. Source Range, cps N31 0 (XI-92-5001B) N32 0 (XI-92-5002B)
8. Intermediate Range, ma N35 4.8×10^{-4} (EI-92-5003B) N36 4.5×10^{-4} (EI-92-5004B)
9. Pressurizer Level, % 60 (LI-68-335) 61 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 2300 (PI-68-342A) Narrow Range 2235 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 2225 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 620 (TR-68-1) 2 615 3 615 (TR-68-43) 4 615
13. Reactor Coolant System T_{Cold} (wide range)°F 1 550 (TR-68-18) 2 550 3 560 4 550 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby X Injection Recirculation
16. RWST Level, % 97 (LI-63-50) 98 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).09 (PI-30-44) (+).10 (PI-30-45)
20. Incore Thermocouples, °F 1 550 (60) 2 610 (54) 3 609 (44) 4 613 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 20 min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	2,500
5.	Upper Containment Total Gas, RM-90-112B, cpm	3,000
6.	Upper Containment Iodine, RM-90-112C, cpm	200
7.	Shield Building Vent Particulate, RM-90-100A, cpm	Elevated
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	Offscale - high
9.	Shield Building Vent Iodine, RM-90-100C, cpm	Elevated
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks: O-RM-90-118 = OFFSCALE HIGH

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T=20 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	71.4
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	60
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^2$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^2$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^2$

Remarks:

Eberline 90-401 = 630 CPM
90-402 = 51,200 CPM
90-403 =

Data by: * indicates minimum meter indication /

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time T=30 min Unit 1

1. Condensate Storage Tank Level, ft. A 29'6" (LI-2-230A) B 29'6" (LI-2-233A)
2. Steam Generator Heat Sink Condenser X Atmosphere
3. Auxiliary Feedwater Flow Available Yes X No
4. Steam Generator Level (narrow range), % 1 44 (LI-3-39) 2 43 (LI-3-52) 3 44 (LI-3-94) 4 44 (LI-3-107)
5. Steam Generator Level (wide range) % 1 71 (LI-3-43) 2 71 3 70 4 72 (LI-3-98)
6. Steam Generator Pressure, psig 1 870 (PI-1-2A) 2 860 (PI-1-9A) 3 870 (PI-1-20A) 4 870 (PI-1-27A)
7. Source Range, cps N31 0 (XI-92-5001B) N32 0 (XI-92-5002B)
8. Intermediate Range, ma N35 4.8×10^{-4} (EI-92-5003B) N36 4.5×10^{-4} (EI-92-5004B)
9. Pressurizer Level, % 60 (LI-68-335) 61 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 2300 (PI-68-342A) Narrow Range 2235 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 2220 (PR-68-~~66~~ 69)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 620 (TR-68-1) 2 620 3 615 4 615 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 550 (TR-68-18) 2 550 3 560 4 550 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby X Injection Recirculation
16. RWST Level, % 97 (LI-63-50) 98 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).09 (PI-30-44) (+).10 (PI-30-45)
20. Incore Thermocouples, °F 1 550 (60) 2 610 (54) 3 609 (44) 4 613 (41)

REMARKS:

Data by: /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T=30 min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7,500
5.	Upper Containment Total Gas, RM-90-112B, cpm	3,000
6.	Upper Containment Iodine, RM-90-112C, cpm	200
7.	Shield Building Vent Particulate, RM-90-100A, cpm	Elevated
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	OFFSCALE -HIGH
9.	Shield Building Vent Iodine, RM-90-100C, cpm	Elevated
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

O-RM-90-118 = OFFSCALE HIGH

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T=30 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	71.4
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	60
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $\leq 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

Eberline 90-401 = 630 cpm
90-402 = 51,200 CPM
90-403 = OFFscale high

* indicates minimum meter indication

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time T= 1 hour Unit 1

1. Condensate Storage Tank Level, ft. A 29' (LI-2-230A) B 29' 6" (LI-2-233A)
2. Steam Generator Heat Sink Condenser X Atmosphere ____
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 44 (LI-3-39) 2 44 (LI-3-52) 3 44 (LI-3-94) 4 44 (LI-3-107)
5. Steam Generator Level (wide range) % 1 70 (LI-3-43) 2 71 3 70 4 72 (LI-3-98)
6. Steam Generator Pressure, psig 1 870 (PI-1-2A) 2 860 (PI-1-9A) 3 870 (PI-1-20A) 4 880 (PI-1-27A)
7. Source Range, cps N31 0 (XI-92-5001B) N32 0 (XI-92-5002B)
8. Intermediate Range, ma N35 4.8×10^{-4} (EI-92-5003B) N36 4.5×10^{-4} (EI-92-5004B)
9. Pressurizer Level, % 60 (LI-68-335) 61 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 2300 (PI-68-342A) Narrow Range 2235 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 2220 (PR-68-~~66~~ 69)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 620 (TR-68-1) 2 620 3 615 4 615 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 550 (TR-68-18) 2 550 3 560 4 550 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby X Injection ____ Recirculation ____
16. RWST Level, % 97 (LI-63-50) 98 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).09 (PI-30-44) (+).10 (PI-30-45)
20. Incore Thermocouples, °F 1 550 (60) 2 610 (54) 3 609 (44) 4 613 (41)

REMARKS:

Data by: _____ /_____

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T=1 hr Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 1 hr. Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time T= 2 hours Unit 1

1. Condensate Storage Tank Level, ft. A 29' (LI-2-230A) B 29' 6" (LI-2-233A)
2. Steam Generator Heat Sink Condenser X Atmosphere ____
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 10 (LI-3-39) 2 6 (LI-3-52) 3 10 (LI-3-94) 4 8 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 80 3 79 4 78 (LI-3-98)
6. Steam Generator Pressure, psig 1 980 (PI-1-2A) 2 990 (PI-1-9A) 3 890 (PI-1-20A) 4 940 (PI-1-27A)
7. Source Range, cps N31 0 (XI-92-5001B) N32 0 (XI-92-5002B)
8. Intermediate Range, ma N35 7X10-7 (EI-92-5003B) N36 7X10-7 (EI-92-5004B)
9. Pressurizer Level, % 24 (LI-68-335) 23 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 2200 (PI-68-342A) Narrow Range 2200 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 2200 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 550 (TR-68-1) 2 550 3 520 4 545 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 550 (TR-68-18) 2 550 3 520 4 545 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby ____ Injection X Recirculation ____
16. RWST Level, % 96 (LI-63-50) 97 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).09 (PI-30-44) (+).10 (PI-30-45)
20. Incore Thermocouples, °F 1 555 (60) 2 555 (54) 3 550 (44) 4 555 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 2 hrs Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Uppe. Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 2 hrs. Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 2hours 1min Unit 1

1. Condensate Storage Tank Level, ft. A 29' (LI-2-230A) B 29' 6" (LI-2-233A)
2. Steam Generator Heat Sink Condenser X Atmosphere
3. Auxiliary Feedwater Flow Available Yes X No
4. Steam Generator Level (narrow range), % 1 10 (LI-3-39) 2 6 (LI-3-52) 3 10 (LI-3-94) 4 8 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 80 3 79 4 78 (LI-3-98)
6. Steam Generator Pressure, psig 1 980 (PI-1-2A) 2 990 (PI-1-9A) 3 780 (PI-1-20A) 4 990 (PI-1-27A)
7. Source Range, cps N31 0 (XI-92-5001B) N32 0 (XI-92-5002B)
8. Intermediate Range, ma N35 7×10^{-7} (EI-92-5003B) N36 7×10^{-7} (EI-92-5004B)
9. Pressurizer Level, % 24 (LI-68-335) 23 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 2200 (PI-68-342A) Narrow Range 2200 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 2200 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 550 (TR-68-1) 2 550 3 520 4 545 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 550 (TR-68-18) 2 550 3 520 4 545 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby ___ Injection X Recirculation ___
16. RWST Level, % 96 (LI-63-50) 97 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).09 (PI-30-44) (+).10 (PI-30-45)
20. Incore Thermocouples, °F 1 555 (60) 2 555 (54) 3 550 (44) 4 550 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T=2 hrs. 1 min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T=2 hrs. 1 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 2 hours 3 min Unit 1

1. Condensate Storage Tank Level, ft. A 29' (LI-2-230A) B 29' (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 5 (LI-3-39) 2 6 (LI-3-52) 3 0 (LI-3-94) 4 4 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 80 3 7 4 78 (LI-3-98)
6. Steam Generator Pressure, psig 1 980 (PI-1-2A) 2 990 (PI-1-9A) 3 760 (PI-1-20A) 4 990 (PI-1-27A)
7. Source Range, cps N31 0 (XI-92-5001B) N32 0 (XI-92-5002B)
8. Intermediate Range, ma N35 7×10^{-7} (EI-92-5003B) N36 7×10^{-7} (EI-92-5004B)
9. Pressurizer Level, % 22 (LI-68-335) 21 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 2190 (PI-68-342A) Narrow Range 2180 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 2185 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 545 (TR-68-1) 2 545 3 520 4 540 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 545 (TR-68-18) 2 545 3 515 4 540 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby ____ Injection X Recirculation ____
16. RWST Level, % 90 (LI-63-50) 91 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).09 (PI-30-44) (+).10 (PI-30-45)
20. Incore Thermocouples, °F 1 555 (60) 2 555 (54) 3 550 (44) 4 550 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T=2 hrs. 3 min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 2 hrs. 3 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 2 hours 10 min Unit 1

1. Condensate Storage Tank Level, ft. A 29' (LI-2-230A) B 29' (LI-2-233A)
2. Steam Generator Heat Sink Condenser _____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No _____
4. Steam Generator Level (narrow range), % 1 5 (LI-3-39) 2 6 (LI-3-52) 3 0 (LI-3-94) 4 4 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 80 3 58 4 76 (LI-3-98)
6. Steam Generator Pressure, psig 1 985 (PI-1-2A) 2 980 (PI-1-9A) 3 750 (PI-1-20A) 4 985 (PI-1-27A)
7. Source Range, cps N31 0 (XI-92-5001B) N32 0 (XI-92-5002B)
8. Intermediate Range, ma N35 5×10^{-9} (EI-92-5003B) N36 5×10^{-9} (EI-92-5004B)
9. Pressurizer Level, % 26 (LI-68-335) 27 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 2145 (PI-68-342A) Narrow Range 2150 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 2150 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 540 (TR-68-1) 2 535 3 510 (TR-68-43) 4 540
13. Reactor Coolant System T_{Cold} (wide range)°F 1 540 (TR-68-18) 2 535 3 510 4 540 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby ____ Injection X Recirculation ____
16. RWST Level, % 84 (LI-63-50) 85 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).11 (PI-30-44) (+).10 (PI-30-45)
20. Incore Thermocouples, °F 1 547 (60) 2 545 (54) 3 540 (44) 4 545 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T=2hr, 10min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T = 2 hours 10 min. Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 2 hours 20 min. Unit 1

1. Condensate Storage Tank Level, ft. A 29' (LI-2-230A) B 29' (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 8 (LI-3-39) 2 8 (LI-3-52) 3 0 (LI-3-94) 4 6 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 80 3 45 4 78 (LI-3-98)
6. Steam Generator Pressure, psig 1 985 (PI-1-2A) 2 985 (PI-1-9A) 3 600 (PI-1-20A) 4 980 (PI-1-27A)
7. Source Range, cps N31 8×10^3 (XI-92-5001B) N32 8×10^3 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 28 (LI-68-335) 29 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 2100 (PI-68-342A) Narrow Range 2100 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 2100 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 535 (TR-68-1) 2 535 3 470 4 530 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 530 (TR-68-18) 2 535 3 465 4 530 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling Syst Status Standby ____ Injection X Recirculation ____
16. RWST Level, % 56 (LI-63-50) 55 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).11 (PI-30-44) (+).10 (PI-30-45)
20. Incore Thermocouples, °F 1 540 (60) 2 535 (54) 3 530 (44) 4 535 (41)

REMARKS:

Data by: ____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 2 hrs. 20 min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T=2 hrs. 20 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev., 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 2 hours 25 min Unit 1

1. Condensate Storage Tank Level, ft. A 29' (LI-2-230A) B 28' 6" (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 16 (LI-3-39) 2 18 (LI-3-52) 3 0 (LI-3-94) 4 18 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 80 3 40 4 78 (LI-3-98)
6. Steam Generator Pressure, psig 1 985 (PI-1-2A) 2 975 (PI-1-9A) 3 560 (PI-1-20A) 4 980 (PI-1-27A)
7. Source Range, cps N31 10^3 (XI-92-5001B) N32 10^3 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 28 (LI-68-335) 28 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 2100 (PI-68-342A) Narrow Range 2100 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 2100 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 530 (TR-68-1) 2 535 3 460 4 530 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 530 (TR-68-18) 2 530 3 460 4 525 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby ____ Injection X Recirculation ____
16. RWST Level, % 48 (LI-63-50) 49 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).11 (PI-30-44) (+).10 (PI-30-45)
20. Incore Thermocouples, °F 1 540 (60) 2 535 (54) 3 535 (44) 4 540 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T=2 hr. 25 min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T=2 hrs 25 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 2 hr. 30 min. Unit 1

1. Condensate Storage Tank Level, ft. A 29' (LI-2-230A) B 28'6" (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 16 (LI-3-39) 2 18 (LI-3-52) 3 0 (LI-3-94) 4 18 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 80 3 35 4 78 (LI-3-98)
6. Steam Generator Pressure, psig 1 980 (PI-1-2A) 2 975 (PI-1-9A) 3 550 (PI-1-20A) 4 980 (PI-1-27A)
7. Source Range, cps N31 5×10^2 (XI-92-5001B) N32 5×10^2 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 32 (LI-68-335) 33 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 2100 (PI-68-342A) Narrow Range 2100 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 2100 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 530 (TR-68-1) 2 535 3 450 4 530 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 530 (TR-68-18) 2 530 3 450 4 525 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby ____ Injection X Recirculation ____
16. RWST Level, % 35 (LI-63-50) 35 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).11 (PI-30-44) (+).10 (PI-30-45)
20. Incore Thermocouples, °F 1 540 (60) 2 535 (54) 3 535 (44) 4 540 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 2 hr. 30 min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T=2 hr. 30 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 2hr. 35 min. Unit 1

1. Condensate Storage Tank Level, ft. A 28'6" (LI-2-230A) B 28' (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 18 (LI-3-39) 2 20 (LI-3-52) 3 0 (LI-3-94) 4 21 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 80 3 25 4 78 (LI-3-98)
6. Steam Generator Pressure, psig 1 980 (PI-1-2A) 2 975 (PI-1-9A) 3 250 (PI-1-20A) 4 980 (PI-1-27A)
7. Source Range, cps N31 4×10^2 (XI-92-5001B) N32 4×10^2 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 30 (LI-68-335) 29 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 2050 (PI-68-342A) Narrow Range 2050 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 2050 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 525 (TR-68-1) 2 530 3 450 4 525 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 520 (TR-68-18) 2 530 3 430 4 525 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby X Injection ____ Recirculation ____
16. RWST Level, % 30 (LI-63-50) 30 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+) .11 (PI-30-44) (+) .10 (PI-30-45)
20. Incore Thermocouples, °F 1 540 (60) 2 535 (54) 3 535 (44) 4 540 (41)

REMARKS:

Data by: ____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 2 hr. 35 min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T=2hr. 35min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 24hrs. 45 min. Unit 1

1. Condensate Storage Tank Level, ft. A 28' (LI-2-230A) B 28' (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 20 (LI-3-39) 2 22 (LI-3-52) 3 0 (LI-3-94) 4 23 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 78 3 ~10 (LI-3-98) 4 80
6. Steam Generator Pressure, psig 1 900 (PI-1-2A) 2 890 (PI-1-9A) 3 150 (PI-1-20A) 4 900 (PI-1-27A)
7. Source Range, cps N31 $3X10^2$ (XI-92-5001B) N32 $3X10^2$ (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 30 (LI-68-335) 28 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 2000 (PI-68-342A) Narrow Range 1950 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 1950 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 500 (TR-68-1) 2 510 3 450 4 510 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 500 (TR-68-18) 2 510 3 450 (TR-68-60) 4 510
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby X Injection ____ Recirculation ____
16. RWST Level, % 15 (LI-63-50) 15 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).10 (PI-30-44) (+).10 (PI-30-45)
20. Incore Thermocouples, °F 1 520 (60) 2 510 (54) 3 510 (44) 4 520 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T=2 hr. 45 min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T=2 hr. 45 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 3 hrs. Unit 1

1. Condensate Storage Tank Level, ft. A 27' (LI-2-230A) B 27' (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 33 (LI-3-39) 2 33 (LI-3-52) 3 0 (LI-3-94) 4 31 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 80 3 0 4 80 (LI-3-98)
6. Steam Generator Pressure, psig 1 570 (PI-1-2A) 2 565 (PI-1-9A) 3 0 (PI-1-20A) 4 570 (PI-1-27A)
7. Source Range, cps N31 200 (XI-92-5001B) N32 200 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 23 (LI-68-335) 22 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 1875 (PI-68-342A) Narrow Range 1870 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 1870 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 475 (TR-68-1) 2 470 3 460 4 470 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 470 (TR-68-18) 2 475 3 460 4 470 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby X Injection ____ Recirculation ____
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+) .10 (PI-30-44) (+) .10 (PI-30-45)
20. Incore Thermocouples, °F 1 480 (60) 2 480 (54) 3 475 (44) 4 485 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 3 hrs Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 3 hrs. Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Peactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 3hrs 30min Unit 1

1. Condensate Storage Tank Level, ft. A 26'6" (LI-2-230A) B 26'6" (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 31 (LI-3-39) 2 30 (LI-3-52) 3 0 (LI-3-94) 4 33 (LI-3-107)
5. Steam Generator Level (wide range) % 1 78 (LI-3-43) 2 79 3 0 4 79 (LI-3-98)
6. Steam Generator Pressure, psig 1 460 (PI-1-2A) 2 465 (PI-1-9A) 3 0 (PI-1-20A) 4 465 (PI-1-27A)
7. Source Range, cps N31 195 (XI-92-5001B) N32 200 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 22 (LI-68-335) 21 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 1800 (PI-68-342A) Narrow Range 1800 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 1800 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 450 (TR-68-1) 2 455 3 450 4 450 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 450 (TR-68-18) 2 450 3 455 4 450 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby X Injection ____ Recirculation ____
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).10 (PI-30-44) (+).11 (PI-30-45)
20. Incore Thermocouples, °F 1 470 (60) 2 475 (54) 3 475 (44) 4 475 (41)

REMARKS:

Data by: _____/_____

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 3 hr. 30 min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/__ _____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 3hrs. 30 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 4 hours Unit 1

1. Condensate Storage Tank Level, ft. A 26' (LI-2-230A) B 26' (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 33 (LI-3-39) 2 31 (LI-3-52) 3 0 (LI-3-94) 4 32 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 80 3 0 4 79 (LI-3-98)
6. Steam Generator Pressure, psig 1 410 (PI-1-2A) 2 415 (PI-1-9A) 3 0 (PI-1-20A) 4 410 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 205 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 21 (LI-68-335) 21 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 1600 (PI-68-342A) Narrow Range < 1700 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 1600 (PR-68-66) OFF-scale low
12. Reactor Coolant System T_{Hot} (wide range)°F 1 420 (TR-68-1) 2 425 3 425 (TR-68-43) 4 420
13. Reactor Coolant System T_{Cold} (wide range)°F 1 425 (TR-68-18) 2 425 3 420 4 420 (TR-68-60)
14. Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15. Emergency Core Cooling System Status Standby X Injection ____ Recirculation ____ INOP
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).15 (PI-30-44) (+).13 (PI-30-45)
20. Incore Thermocouples, °F 1 440 (60) 2 435 (54) 3 440 (44) 4 435 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T=4hours Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 4 hours Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	8
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 4 hrs. 10 min Unit 1

1. Condensate Storage Tank Level, ft. A 25'6" (LI-2-230A) B 25' (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 31 (LI-3-39) 2 29 (LI-3-52) 3 0 (LI-3-94) 4 30 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 80 3 10 4 80 (LI-3-98)
6. Steam Generator Pressure, psig 1 400 (PI-1-2A) 2 405 (PI-1-9A) 3 ~55 (PI-1-20A) 4 400 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 210 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 0 (LI-68-335) 0 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 500 (PI-68-342A) Narrow Range < 1700 OFF-SCALE LOW (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 500 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 400 (TR-68-1) 2 410 3 390 4 410 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 375 (TR-68-18) 2 380 3 390 4 385 (TR-68-60)
14. Reactor Coolant Pumps running 1 NO 2 NO 3 NO 4 NO
15. Emergency Core Cooling System Status Standby INOP Injection X Recirculation ____ Thru B.I.T.
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).15 (PI-30-44) (+).13 (PI-30-45)
20. Incore Thermocouples, °F 1 410 (60) 2 410 (54) 3 410 (44) 4 405 (41)

REMARKS:

Data by: ____

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 4hrs. 10min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 4hrs. 10min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	increasing
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 4 hrs. 15 min. Unit 1

1. Condensate Storage Tank Level, ft. A 25' (LI-2-230A) B 25' (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 28 (LI-3-39) 2 25 (LI-3-52) 3 0 (LI-3-94) 4 29 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 80 3 5 4 80 (LI-3-98)
6. Steam Generator Pressure, psig 1 390 (PI-1-2A) 2 390 (PI-1-9A) 3 ~50 (PI-1-20A) 4 385 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 210 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 0 (LI-68-335) 0 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 250 (PI-68-342A) Narrow Range < 1700 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 250 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 400 (TR-68-1) 2 400 3 385 4 405 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 370 (TR-68-18) 2 370 3 380 4 380 (TR-68-60)
14. Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
15. Emergency Core Cooling System Status Standby INOP Injection ____ Recirculation ____
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+) .15 (PI-30-44) (+) .15 (PI-30-45)
20. Incore Thermocouples, °F 1 410 (60) 2 410 (54) 3 410 (44) 4 405 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 4hrs. 15 min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm.	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T=4 hr. 15 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	increasing
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 4 hrs. 20 min. Unit 1

1. Condensate Storage Tank Level, ft. A 25' (LI-2-230A) B 25' (LI-2-233A)
2. Steam Generator Heat Sink Condenser _____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No _____
4. Steam Generator Level (narrow range), % 1 27 (LI-3-39) 2 27 (LI-3-52) 3 0 (LI-3-94) 4 28 (LI-3-107)
5. Steam Generator Level (wide range) % 1 79 (LI-3-43) 2 79 3 ~5 4 80 (LI-3-98)
6. Steam Generator Pressure, psig 1 385 (PI-1-2A) 2 380 (PI-1-9A) 3 ~50 (PI-1-20A) 4 380 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 210 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 0 (LI-68-335) 0 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 200 (PI-68-342A) Narrow Range < 1700 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 200 (PR-68-66) CG
12. Reactor Coolant System T_{Hot} (wide range)°F 1 390 (TR-68-1) 2 390 3 395 4 395 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 370 (TR-68-18) 2 365 3 345 4 365 (TR-68-60)
14. Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
15. Emergency Core Cooling System Status Standby INOP Injection INOP Recirculation INOP
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+) .16 (PI-30-44) (+) .16 (PI-30-45)
20. Incore Thermocouples, °F 1 405 (60) 2 395 (54) 3 400 (44) 4 400 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 4hrs. 20 min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 4 hrs. 20 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	increasing
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____ / _____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 4 hrs. 30 min Unit 1

1. Condensate Storage Tank Level, ft. A 25' (LI-2-230A) B 25' (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 25 (LI-3-39) 2 26 (LI-3-52) 3 0 (LI-3-94) 4 25 (LI-3-107)
5. Steam Generator Level (wide range) % 1 79 (LI-3-43) 2 80 3 5 4 80 (LI-3-98)
6. Steam Generator Pressure, psig 1 380 (PI-1-2A) 2 390 (PI-1-9A) 3 ~50 (PI-1-20A) 4 380 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 210 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 0 (LI-68-335) 0 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range 150 (PI-68-342A) Narrow Range < 1700 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig 150 (PR-68-~~66~~) 69
12. Reactor Coolant System T_{Hot} (wide range)°F 1 380 (TR-68-1) 2 390 3 370 4 390 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 360 (TR-68-18) 2 360 3 340 4 360 (TR-68-60)
14. Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
15. Emergency Core Cooling System Status Standby INOP Injection INOP Recirculation INOP
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+) .16 (PI-30-44) (+) .16 (PI-30-45)
20. Incore Thermocouples, °F 1 400 (60) 2 390 (54) 3 385 (44) 4 390 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 4hrs. 30min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T=4hrs.30min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	increasing
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 4 hr. 45 min Unit 1

1. Condensate Storage Tank Level, ft. A 25' (LI-2-230A) B 24' 6" (LI-2-233A)
2. Steam Generator Heat Sink Condenser _____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No _____
4. Steam Generator Level (narrow range), % 1 33 (LI-3-39) 2 32 (LI-3-52) 3 0 (LI-3-94) 4 33 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 79 3 0 4 80 (LI-3-98)
6. Steam Generator Pressure, psig 1 380 (PI-1-2A) 2 380 (PI-1-9A) 3 ~50 (PI-1-20A) 4 380 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 210 (XI-92-5002B)
8. Intermediate Range, ma N35 10-11 (EI-92-5003B) N36 10-11 (EI-92-5004B)
9. Pressurizer Level, % 0 (LI-68-335) 0 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range ~100 (PI-68-342A) Narrow Range < 1700 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig ~100 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 380 (TR-68-1) 2 375 3 370 4 380 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 360 (TR-68-18) 2 350 3 340 4 345 (TR-68-60)
14. Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
15. Emergency Core Cooling System Status Standby INOP Injection INOP Recirculation INOP
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+) .16 (PI-30-44) (+) .16 (PI-30-45)
20. Incore Thermocouples, °F 1 390 (60) 2 390 (54) 3 390 (44) 4 390 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 4hr. 45min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 4 hr. 45 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	increasing
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 5 hrs. Unit 1

1. Condensate Storage Tank Level, ft. A 24'6" (LI-2-230A) B 24'6" (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 30 (LI-3-39) 2 33 (LI-3-52) 3 0 (LI-3-94) 4 36 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 79 3 0 4 80 (LI-3-98)
6. Steam Generator Pressure, psig 1 380 (PI-1-2A) 2 380 (PI-1-9A) 3 ~10 (PI-1-20A) 4 380 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 210 (XI-92-5002B)
8. Intermediate Range, ma N35 10^-11 (EI-92-5003B) N36 10^-11 (EI-92-5004B)
9. Pressurizer Level, % 0 (LI-68-335) 0 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range ~100 (PI-68-342A) Narrow Range < 1700 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig ~100 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 380 (TR-68-1) 2 375 3 370 4 380 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 350 (TR-68-18) 2 350 3 340 4 345 (TR-68-60)
14. Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
15. Emergency Core Cooling System Status Standby INOP Injection INOP Recirculation INOP
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).16 (PI-30-44) (+).16 (PI-30-45)
20. Incore Thermocouples, °F 1 390 (60) 2 390 (54) 3 385 (44) 4 390 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 5 hr. Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 5 hr. Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	increasing
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 5 hrs. 30 min Unit 1

1. Condensate Storage Tank Level, ft. A 24' (LI-2-230A) B 24' (LI-2-233A)
2. Steam Generator Heat Sink Condenser _____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No _____
4. Steam Generator Level (narrow range), % 1 31 (LI-3-39) 2 33 (LI-3-52) 3 0 (LI-3-94) 4 33 (LI-3-107)
5. Steam Generator Level (wide range) % 1 79 (LI-3-43) 2 80 3 ~5 4 80 (LI-3-98)
6. Steam Generator Pressure, psig 1 375 (PI-1-2A) 2 380 (PI-1-9A) 3 ~20 (PI-1-20A) 4 380 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 210 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 0 (LI-68-335) 0 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range ~75 (PI-68-342A) Narrow Range < 1700 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig ~75 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 375 (TR-68-1) 2 375 3 370 4 375 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 350 (TR-68-18) 2 350 3 340 4 350 (TR-68-60)
14. Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
15. Emergency Core Cooling System Status Standby Inop Injection Inop Recirculation Inop
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+) .16 (PI-30-44) (+) .16 (PI-30-45)
20. Incore Thermocouples, °F 1 390 (60) 2 390 (54) 3 385 (44) 4 390 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 5 hr. 30 min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T=5hr. 30 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	increasing
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 6 4-5. Unit 1

1. Condensate Storage Tank Level, ft. A 24' (LI-2-230A) B 24' (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 33 (LI-3-39) 2 35 (LI-3-52) 3 0 (LI-3-94) 4 31 (LI-3-107)
5. Steam Generator Level (wide range) % 1 76 (LI-3-43) 2 78 3 0 4 79 (LI-3-98)
6. Steam Generator Pressure, psig 1 360 (PI-1-2A) 2 355 (PI-1-9A) 3 0 (PI-1-20A) 4 360 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 210 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 0 (LI-68-335) 0 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range ~75 (PI-68-342A) Narrow Range ≤1700 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig ~75 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 360 (TR-68-1) 2 365 3 360 4 365 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 340 2 335 (TR-68-18) 3 335 4 330 (TR-68-60)
14. Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
15. Emergency Core Cooling System Status Standby Inop Injection Inop Recirculation Inop
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).16 (PI-30-44) (+).15 (PI-30-45)
20. Incore Thermocouples, °F 1 380 (60) 2 380 (54) 3 375 (44) 4 385 (41)

REMARKS:

Data by: ____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 6 hr Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 6 hr. Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	INCreasing
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9..	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 6 hrs. 30 min. Unit 1

1. Condensate Storage Tank Level, ft. A 24' (LI-2-230A) B 24' (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 36 (LI-3-39) 2 31 (LI-3-52) 3 0 (LI-3-94) 4 33 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 81 3 0 4 79 (LI-3-98)
6. Steam Generator Pressure, psig 1 350 (PI-1-2A) 2 350 (PI-1-9A) 3 0 (PI-1-20A) 4 355 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 210 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 0 (LI-68-335) 0 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range ~75 (PI-68-342A) Narrow Range <1700 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig ~75 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 350 (TR-68-1) 2 355 3 345 4 350 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 320 (TR-68-18) 2 320 3 320 4 325 (TR-68-60)
14. Reactor Coolant Pumps running 1 NO 2 NO 3 NO 4 NO
15. Emergency Core Cooling System Status Standby INOP Injection INOP Recirculation INOP
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+) .17 (PI-30-44) (+) .16 (PI-30-45)
20. Incore Thermocouples, °F 1 375 (60) 2 380 (54) 3 375 (44) 4 380 (41)

REMARKS:

Data by: ____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 6hr. 30min Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 6hr. 30min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	increasing
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 7 hours Unit 1

1. Condensate Storage Tank Level, ft. A 24' (LI-2-230A) B 24' (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 31 (LI-3-39) 2 32 (LI-3-52) 3 0 (LI-3-94) 4 32 (LI-3-107)
5. Steam Generator Level (wide range) % 1 79 (LI-3-43) 2 79 3 0 4 80 (LI-3-98)
6. Steam Generator Pressure, psig 1 250 (PI-1-2A) 2 250 (PI-1-9A) 3 0 (PI-1-20A) 4 250 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 210 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 0 (LI-68-335) 0 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range ~75 (PI-68-342A) Narrow Range < 1700 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig ~75 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 320 (TR-68-1) 2 315 3 320 4 320 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 290 (TR-68-18) 2 285 3 285 4 290 (TR-68-60)
14. Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
15. Emergency Core Cooling System Status Standby Inop Injection Inop Recirculation Inop
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+) .17 (PI-30-44) (+) .18 (PI-30-45)
20. Incore Thermocouples, °F 1 330 (60) 2 330 (54) 3 330 (44) 4 329 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 7hr. Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112. cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T=7hr Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	increasing
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 8 hours Unit 1

1. Condensate Storage Tank Level, ft. A 23' (LI-2-230A) B 23'6" (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 33 (LI-3-39) 2 32 (LI-3-52) 3 0 (LI-3-94) 4 33 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 79 3 0 4 80 (LI-3-98)
6. Steam Generator Pressure, psig 1 190 (PI-1-2A) 2 185 (PI-1-9A) 3 0 (PI-1-20A) 4 185 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 210 (XI-92-5002B)
8. Intermediate Range, ma N35 10-" (EI-92-5003B) N36 10-" (EI-92-5004B)
9. Pressurizer Level, % 0 (LI-68-335) 0 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range ~50 (PI-68-342A) Narrow Range <1700 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig ~50 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 290 (TR-68-1) 2 285 3 285 4 290 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 285 (TR-68-18) 2 280 3 290 4 290 (TR-68-60)
14. Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
15. Emergency Core Cooling System Status Standby INOP Injection INOP Recirculation INOP
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).18 (PI-30-44) (+).18 (PI-30-45)
20. Incore Thermocouples, °F 1 290 (60) 2 285 (54) 3 290 (44) 4 290 (41)

REMARKS:

Data by: ____

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 8hr Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-11CB, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 8hr Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	increasing
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9..	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 8 hr. 30 min Unit 1

1. Condensate Storage Tank Level, ft. A 23' (LI-2-230A) B 23' (LI-2-233A)
2. Steam Generator Heat Sink Condenser _____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No _____
4. Steam Generator Level (narrow range), % 1 33 (LI-3-39) 2 33 (LI-3-52) 3 0 (LI-3-94) 4 33 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 80 3 0 4 80 (LI-3-98)
6. Steam Generator Pressure, psig 1 110 (PI-1-2A) 2 100 (PI-1-9A) 3 0 (PI-1-20A) 4 110 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 210 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 0 (LI-68-335) 0 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range ~50 (PI-68-342A) Narrow Range < 1700 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig ~50 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 275 (TR-68-1) 2 275 3 275 4 270 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 260 (TR-68-18) 2 270 3 260 4 260 (TR-68-60)
14. Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
15. Emergency Core Cooling System Status Standby INOP Injection INOP Recirculation INOP
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).18 (PI-30-44) (+).18 (PI-30-45)
20. Incore Thermocouples, °F 1 275 (60) 2 275 (54) 3 270 (44) 4 275 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 8hr. 30min Unit 1

Lower Containment sample valve status Open ____ Closed ____
Upper Containment sample valve status Open ____ Closed ____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 8 hr. 30 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	increasing
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____ / _____

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 9 hr. Unit 1

1. Condensate Storage Tank Level, ft. A 23' (LI-2-230A) B 23' (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 32 (LI-3-39) 2 33 (LI-3-52) 3 0 (LI-3-94) 4 33 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 80 3 0 4 79 (LI-3-98)
6. Steam Generator Pressure, psig 1 ~75 (PI-1-2A) 2 ~70 (PI-1-9A) 3 0 (PI-1-20A) 4 ~75 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 210 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 0 (LI-68-335) 0 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range ~50 (PI-68-342A) Narrow Range <1700 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig ~50 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 250 (TR-68-1) 2 250 3 250 4 245 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 235 2 240 (TR-68-18) 3 245 4 240 (TR-68-60)
14. Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
15. Emergency Core Cooling System Status Standby INOP Injection INOP Recirculation INOP
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).19 (PI-30-44) (+).19 (PI-30-45)
20. Incore Thermocouples, °F 1 250 (60) 2 250 (54) 3 245 (44) 4 250 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 9 hr. Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 9hr Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	increasing
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 10 hours Unit 1

1. Condensate Storage Tank Level, ft. A 22' (LI-2-230A) B 22' 6" (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 33 (LI-3-39) 2 32 (LI-3-52) 3 0 (LI-3-94) 4 33 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 79 3 0 4 79 (LI-3-98)
6. Steam Generator Pressure, psig 1 ~50 (PI-1-2A) 2 ~50 (PI-1-9A) 3 0 (PI-1-20A) 4 ~50 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 210 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 0 (LI-68-335) 0 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range ~50 (PI-68-342A) Narrow Range < 1700 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig ~50 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 240 (TR-68-1) 2 235 3 240 (TR-68-43) 4 240
13. Reactor Coolant System T_{Cold} (wide range)°F 1 235 (TR-68-18) 2 235 3 230 (TR-68-60) 4 230
14. Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
15. Emergency Core Cooling System Status Standby INOP Injection INOP Recirculation INOP
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).20 (PI-30-44) (+).19 (PI-30-45)
20. Incore Thermocouples, °F 1 240 (60) 2 250 (54) 3 240 (44) 4 240 (41)

REMARKS:

Data by: ____

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 10 hr. Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 10 hr. Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	increasing
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

*

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 10 hr. 20 min Unit 1

1. Condensate Storage Tank Level, ft. A 22' (LI-2-230A) B 22' 6" (LI-2-233A)
2. Steam Generator Heat Sink Condenser ____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No ____
4. Steam Generator Level (narrow range), % 1 33 (LI-3-39) 2 33 (LI-3-52) 3 0 (LI-3-94) 4 32 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 79 3 0 4 80 (LI-3-98)
6. Steam Generator Pressure, psig 1 ~40 (PI-1-2A) 2 ~50 (PI-1-9A) 3 0 (PI-1-20A) 4 ~40 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 210 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 0 (LI-68-335) 0 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range ~50 (PI-68-342A) Narrow Range < 1700 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig ~50 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 240 (TR-68-1) 2 235 3 240 4 240 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 235 (TR-68-18) 2 230 3 230 4 230 (TR-68-60)
14. Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
15. Emergency Core Cooling System Status Standby INOP Injection INOP Recirculation INOP
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).2 (PI-30-44) (+).2 (PI-30-45)
20. Incore Thermocouples, °F 1 240 (60) 2 248 (54) 3 240 (44) 4 240 (41)

REMARKS:

Data by: ____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 10 hr. 20 min. Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 10 hr. 20 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	increasing
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

Data by: _____/_____

Attachment 2

UNIT STATUS UPDATE

Date 2/6/85 Time 11 hours Unit 1

1. Condensate Storage Tank Level, ft. A 22' (LI-2-230A) B 22' (LI-2-233A)
2. Steam Generator Heat Sink Condenser _____ Atmosphere X
3. Auxiliary Feedwater Flow Available Yes X No _____
4. Steam Generator Level (narrow range), % 1 33 (LI-3-39) 2 33 (LI-3-52) 3 0 (LI-3-94) 4 33 (LI-3-107)
5. Steam Generator Level (wide range) % 1 80 (LI-3-43) 2 80 3 0 4 80 (LI-3-98)
6. Steam Generator Pressure, psig 1 ~40 (PI-1-2A) 2 ~35 (PI-1-9A) 3 0 (PI-1-20A) 4 ~40 (PI-1-27A)
7. Source Range, cps N31 210 (XI-92-5001B) N32 210 (XI-92-5002B)
8. Intermediate Range, ma N35 10^{-11} (EI-92-5003B) N36 10^{-11} (EI-92-5004B)
9. Pressurizer Level, % 0 (LI-68-335) 0 (LI-68-320)
10. Pressurizer Pressure, psig Wide Range ~45 (PI-68-342A) Narrow Range <1700 (PI-68-340A)
11. Reactor Coolant Loop 4 Hot Leg Pressure, psig ~45 (PR-68-66)
12. Reactor Coolant System T_{Hot} (wide range)°F 1 235 (TR-68-1) 2 230 3 235 4 235 (TR-68-43)
13. Reactor Coolant System T_{Cold} (wide range)°F 1 230 (TR-68-18) 2 230 3 225 4 230 (TR-68-60)
14. Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
15. Emergency Core Cooling System Status Standby INOP Injection INOP Recirculation INOP
16. RWST Level, % 0 (LI-63-50) 0 (LI-63-51)
17. Containment Sump Level, % 0 (LI-63-176)
18. Containment Spray Flow, gpm A-A 0 (FI-72-13) B-B 0 (FI-72-34)
19. Containment Pressure, psid (+).2 (PI-30-44) (+).2 (PI-30-45)
20. Incore Thermocouples, °F 1 235 (60) 2 235 (54) 3 235 (44) 4 235 (41)

REMARKS:

Data by: _____ /

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 11 hr. Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
2.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
4.	Upper Containment Particulate, RM-90-112, cpm	7500
5.	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	200
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
9.	Shield Building Vent Iodine, RM-90-100C, cpm	10
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	250
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
13.	Steam Generator Blowdown, RM-90-120A, cpm	5000
14.	Steam Generator Blowdown, RM-90-121A, cpm	4000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	30
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
17.	ERCW Discharge Header A, RM-90-133A, cpm	800
18.	ERCW Discharge Header A, RM-90-140A, cpm	1500
19.	ERCW Discharge Header B, RM-90-134A, cpm	1000
20.	ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 11 hr. Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	0
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	0
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	increasing
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	5
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* $< 10^3$
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* $< 10^3$
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	2
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* $< 10^3$
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* $< 10^3$

Remarks:

NOTE * INDICATES MINIMUM METER INDICATION

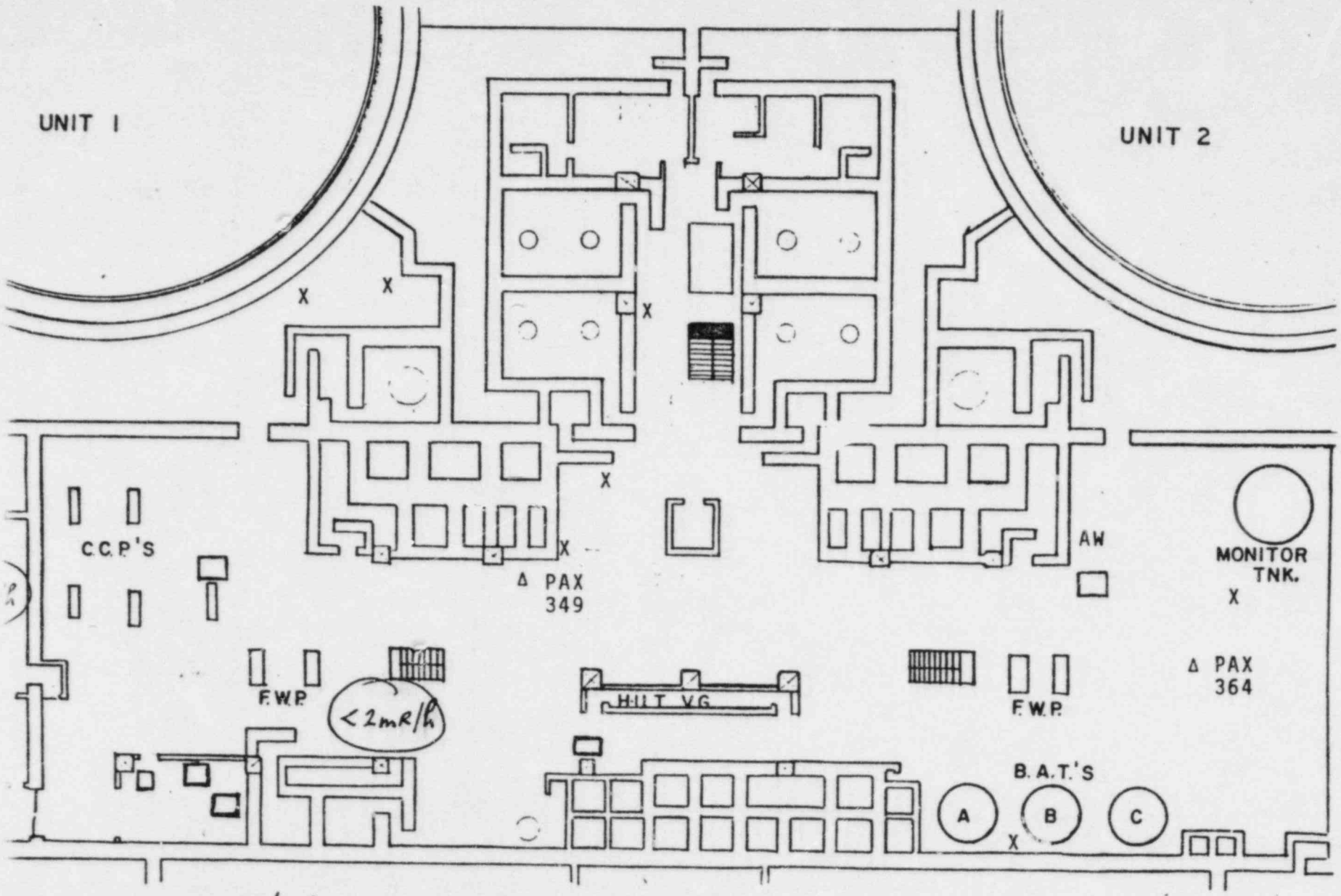
Data by: _____/_____

EY NO. _____

ument No. _____

AUXILIAR ILDING
ELEVATION 690.0

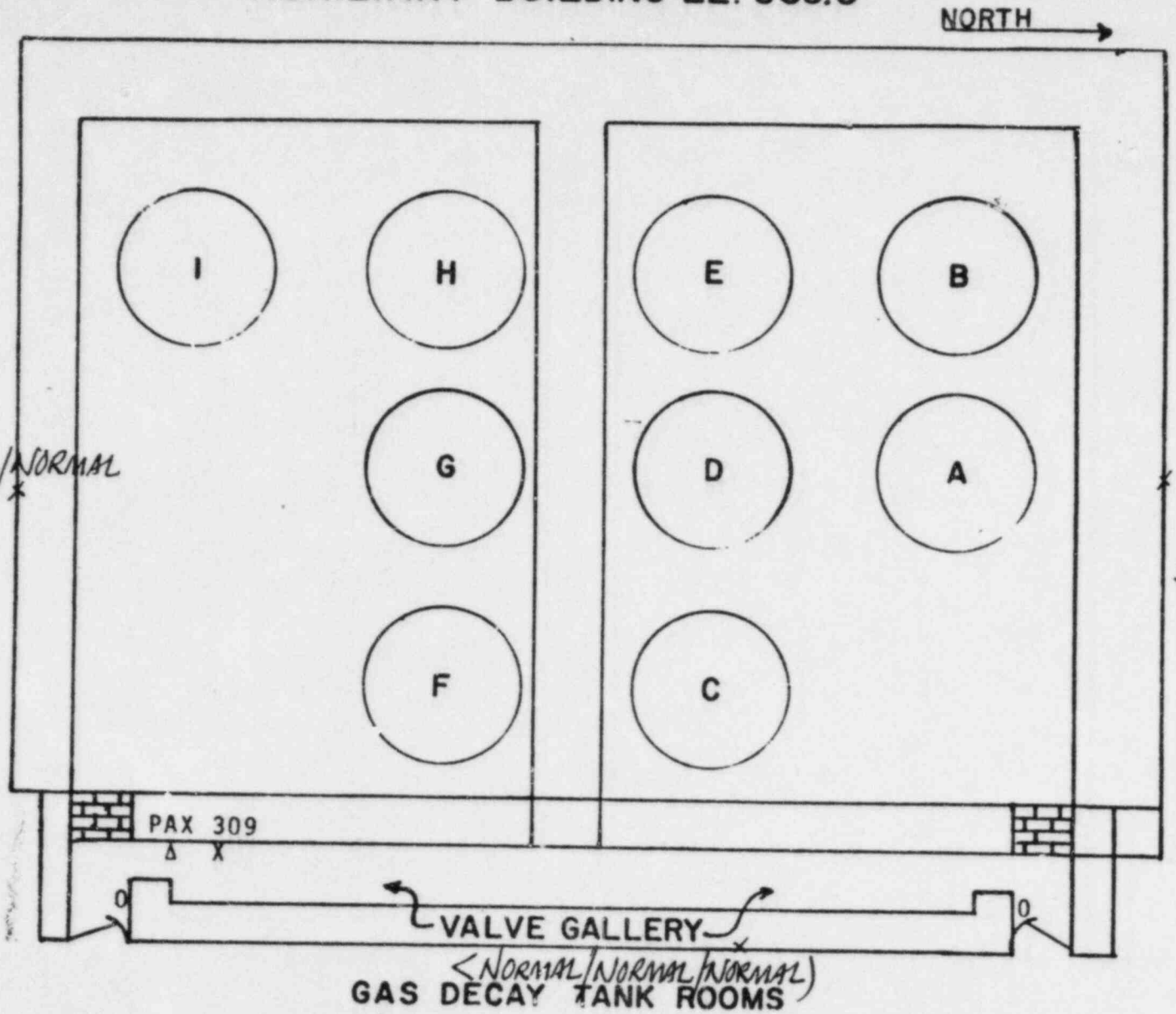
NORTH



DATE 2/6/85 TIME T=15MINS SURVEYED BY _____

X OUTLET Δ PHONE ▭ SERVICE AIR

AUXILIARY BUILDING EL. 669.0'



NORMAL/NORMAL/NORMAL mR/h

3/2/1 mR/h SURF/18"/36"

(NORMAL/NORMAL/NORMAL)

X OUTLET

O LIGHT SWITCH

Δ PHONE

SURVEY NO. _____

Instrument No. _____

Date 2/6/85

Time T = 15 MINs.

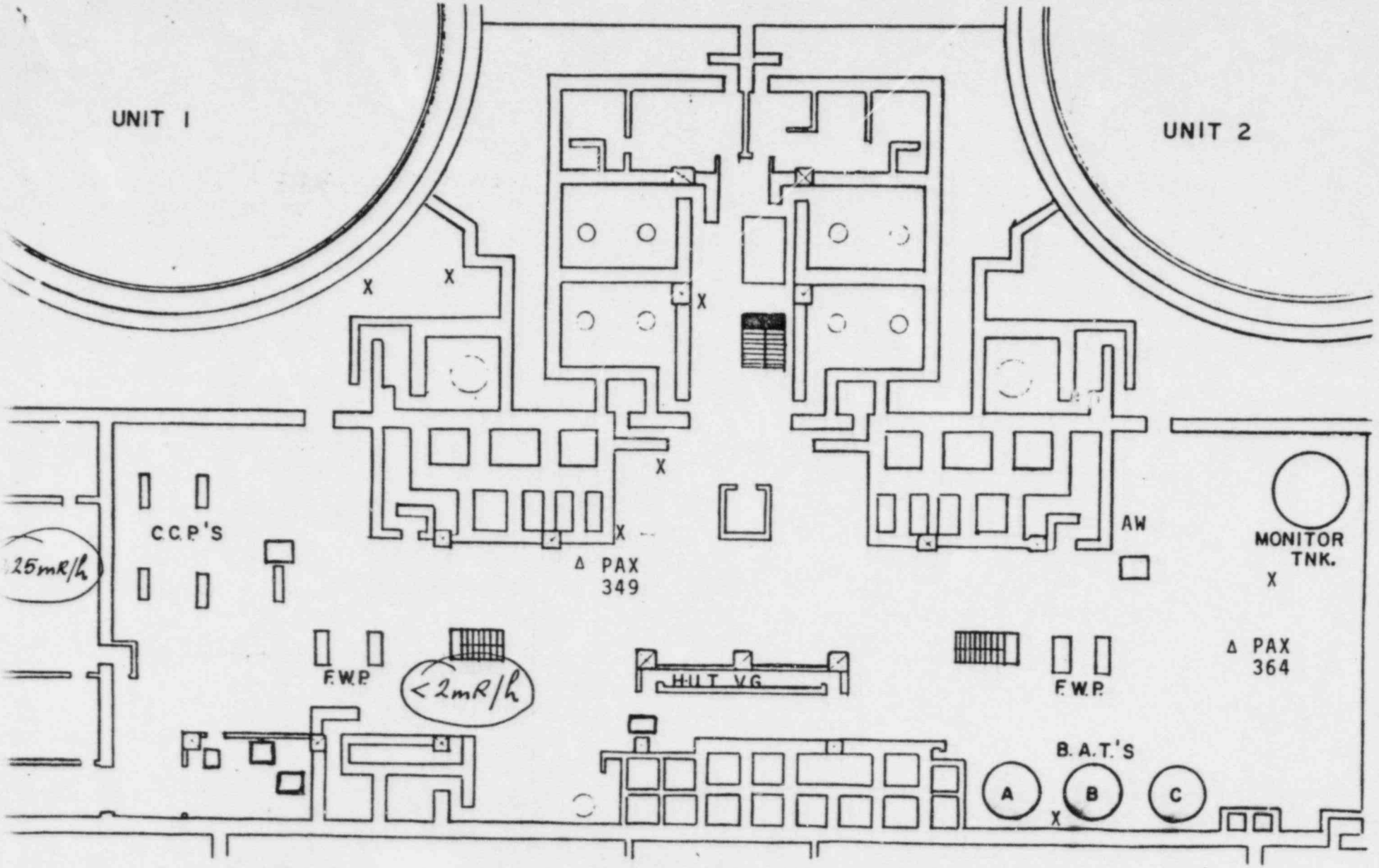
Surveyed By _____

SURVEY NO. _____

Instrument No. _____

AUXILIAR[illegible]LDING
ELEVATION 690.0

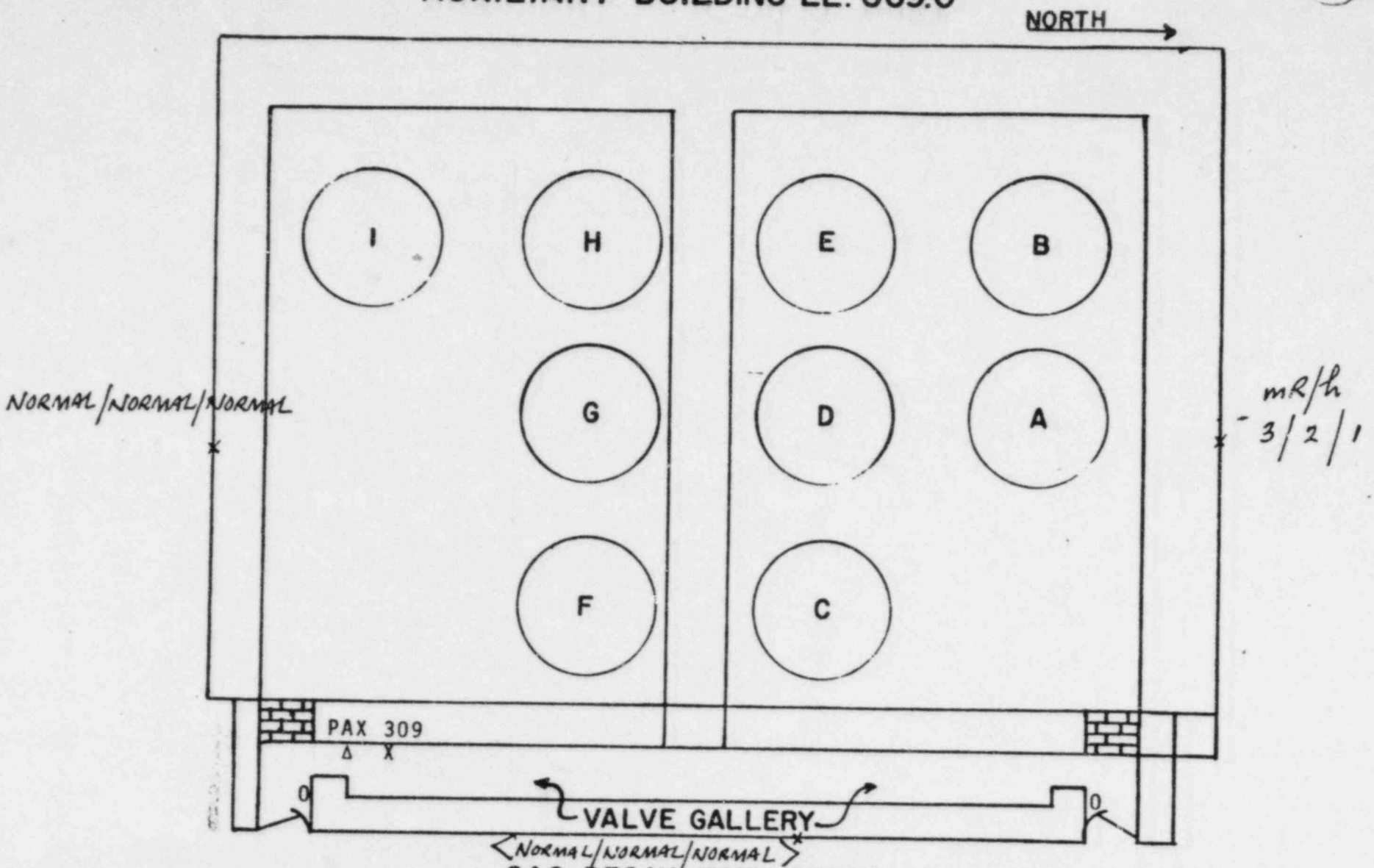
NORTH



DATE 2/6/85 TIME T=45Mn/s SURVEYED BY _____

X OUTLET Δ PHONE ☐ SERVICE AIR

AUXILIARY BUILDING EL. 669.0'



GAS DECAY TANK ROOMS

X OUTLET

O LIGHT SWITCH

Δ PHONE

SURVEY NO. _____

Instrument No. _____

Date 2/6/85

Time T = 45 MINs

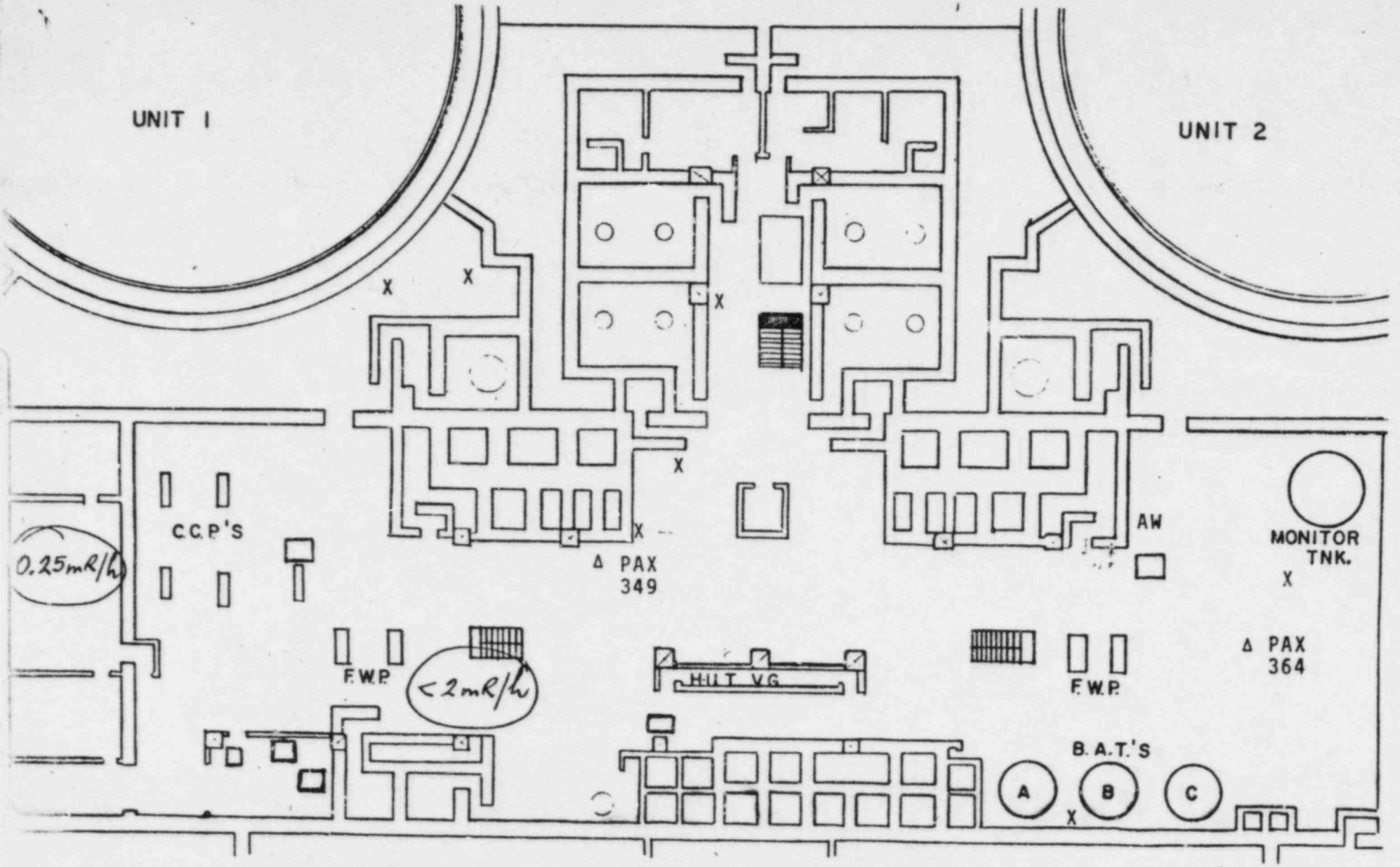
Surveyed By _____

SURVEY NO. _____

Instrument No. _____

AUXILIAR[illegible]LDING
ELEVATION 690.0

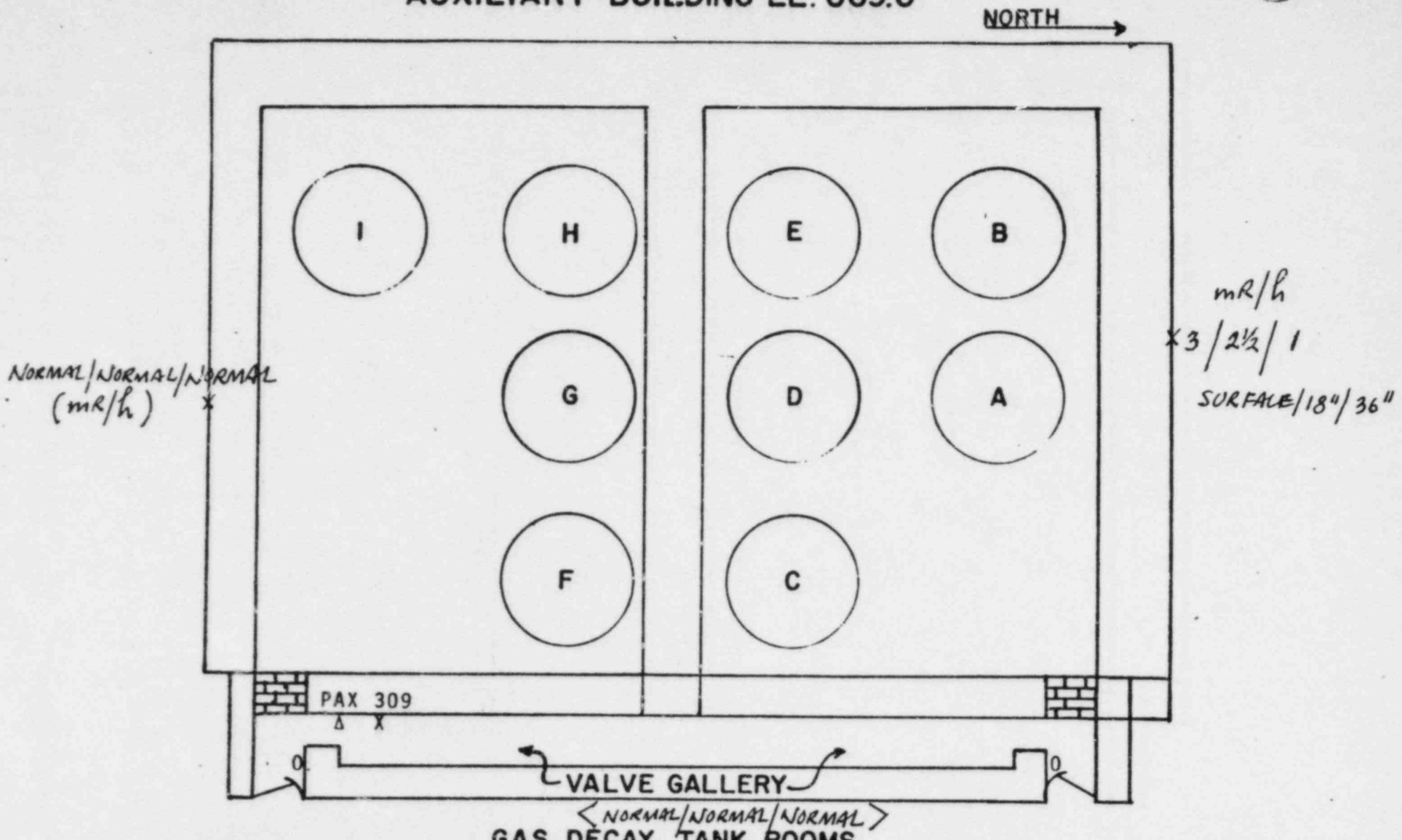
NORTH



DATE 2/6/85 TIME T-1h15MIN SURVEYED BY _____

X OUTLET Δ PHONE [ ] SERVICE AIR

AUXILIARY BUILDING EL. 669.0'



X OUTLET

O LIGHT SWITCH

Δ PHONE

SURVEY NO. _____

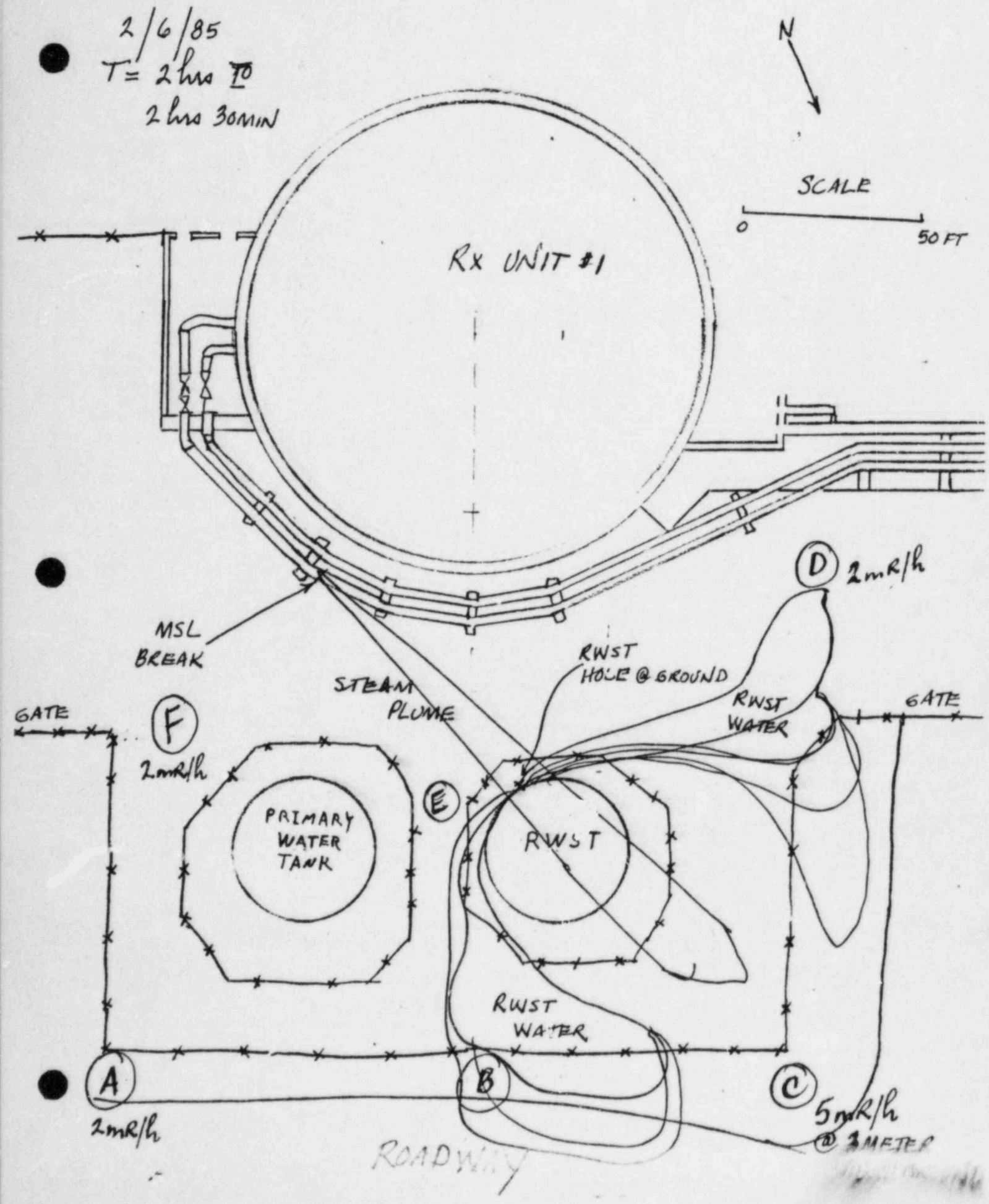
Instrument No. _____

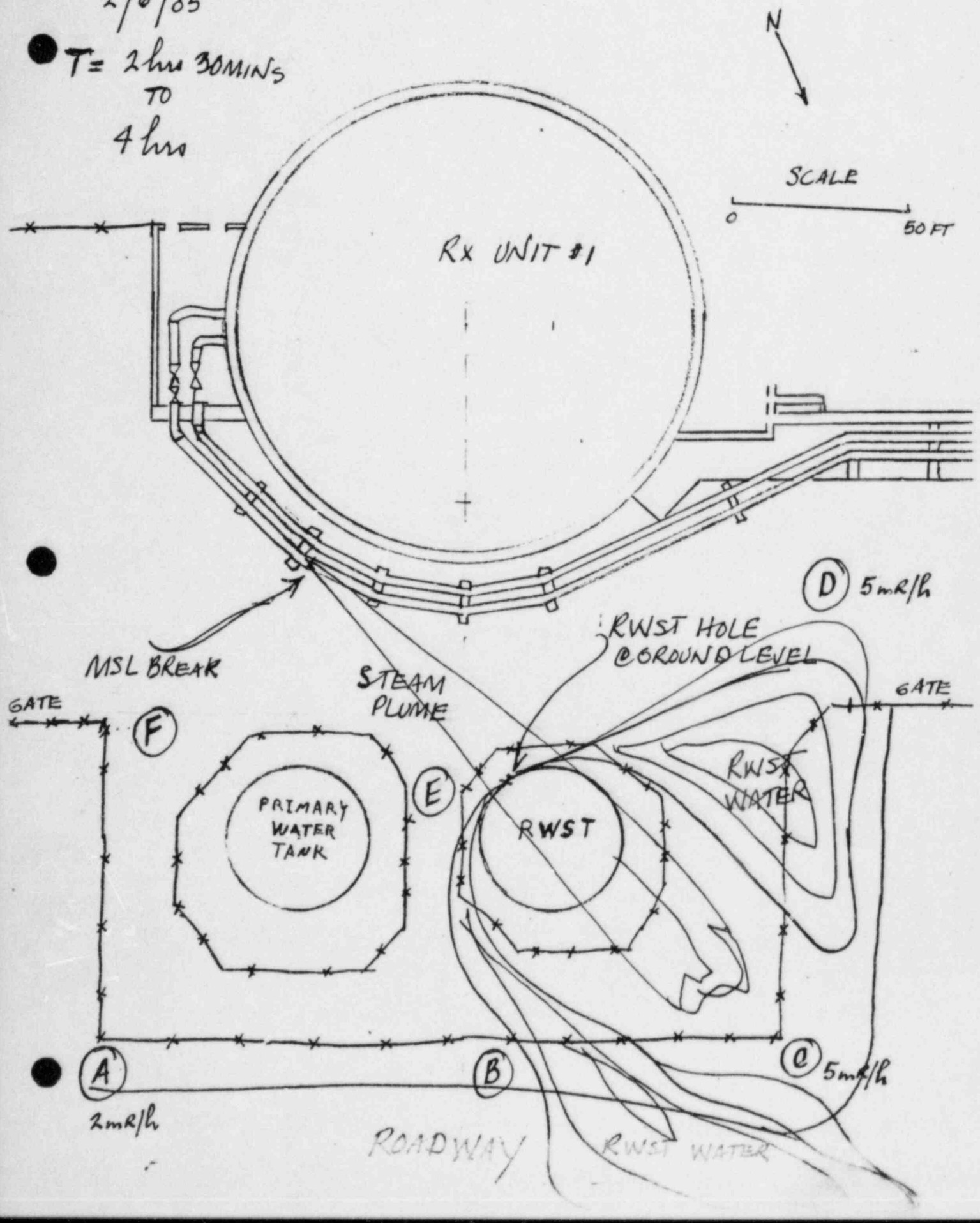
Date 2/6/85

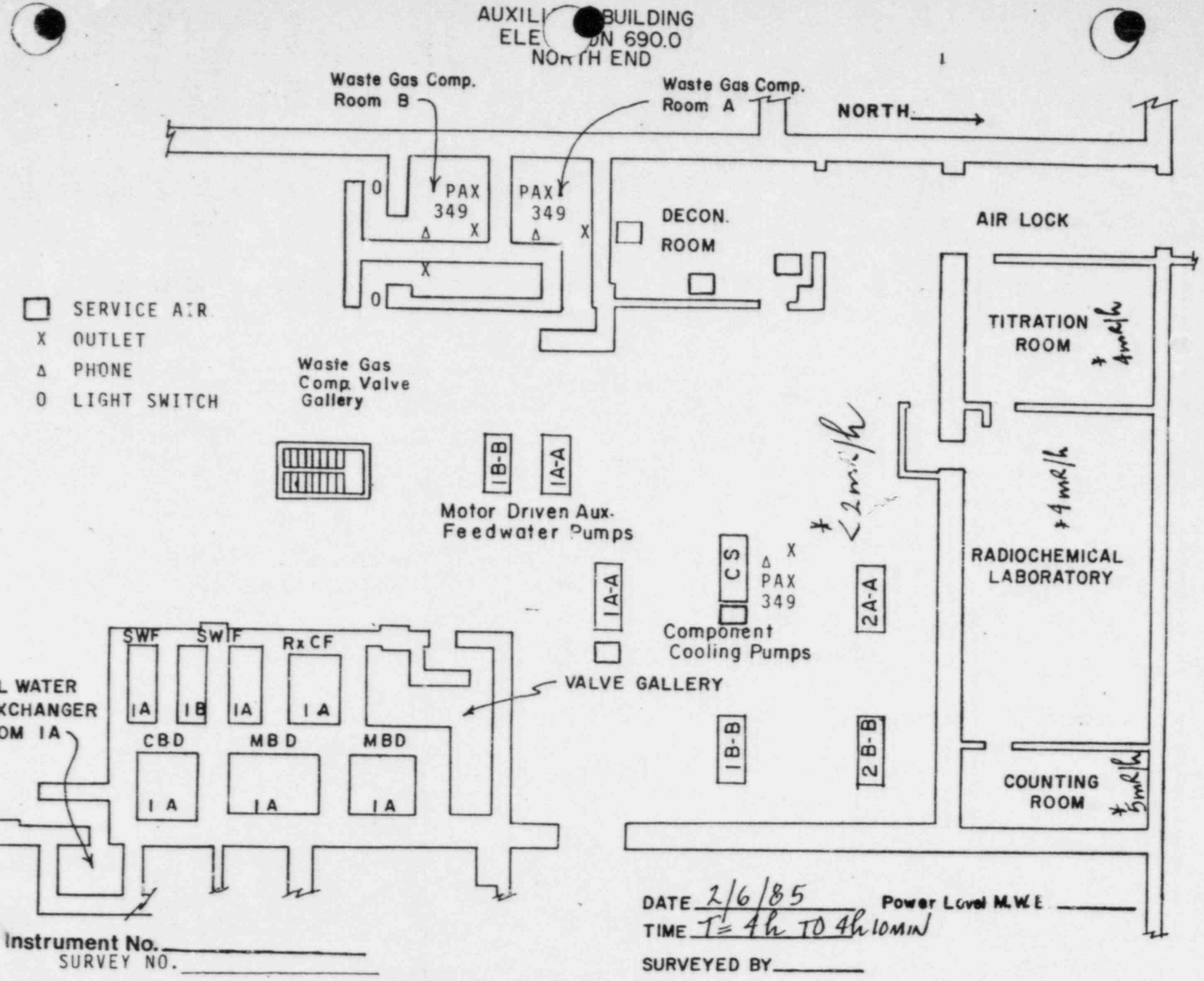
Time T = 1h 15MINs

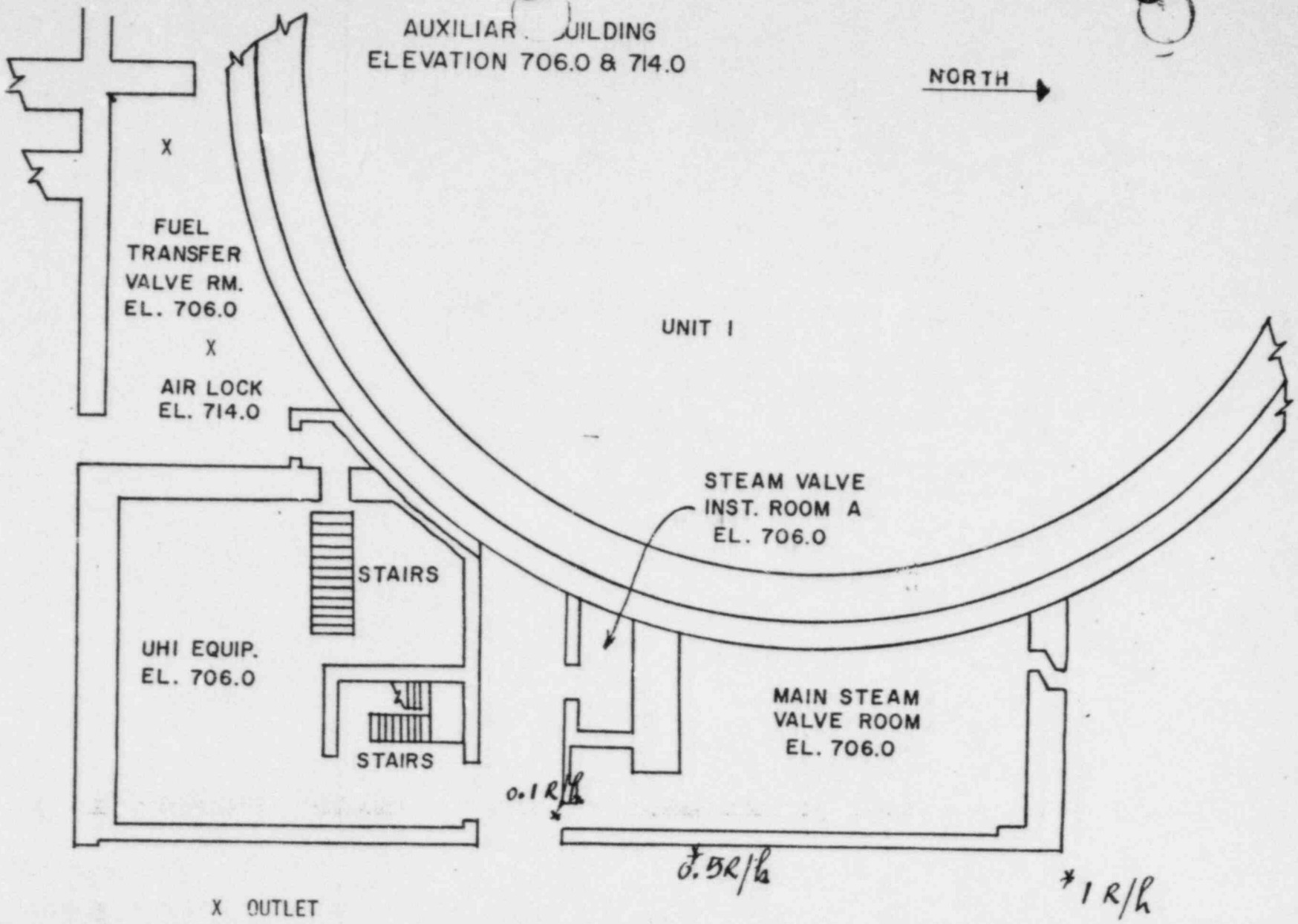
Surveyed By _____

2/6/85
T = 2 hrs TO
2 hrs 30 MIN




2/6/85
T= 2 hrs 30 MINS
TO
4 hrs
N
SCALE
0
50 FT
Rx UNIT #1
D 5mR/h
RWST HOLE
@ GROUND LEVEL
MSL BREAK
STEAM
PLUME
GATE
GATE
F
E
PRIMARY
WATER
TANK
RWST
RWST
WATER
A
B
C 5mR/h
2mR/h
ROADWAY
RWST WATER


AUXILI BUILDING
ELE ON 690.0
NORTH END
Waste Gas Comp. Room B
Waste Gas Comp. Room A
NORTH
PAX 349
PAX 349
DECON. ROOM
AIR LOCK
SERVICE AIR
X OUTLET
Δ PHONE
O LIGHT SWITCH
Waste Gas Comp Valve Gallery
TITRATION ROOM
* 4mr/h
* < 2mr/h
* 4 mr/h
1B-B
1A-A
Motor Driven Aux. Feedwater Pumps
CS
PAX 349
Component Cooling Pumps
1A-A
2A-A
RADIOCHEMICAL LABORATORY
SWF
SWF
RxCF
VALVE GALLERY
AL WATER EXCHANGER OOM IA
IA
IB
IA
IA
CBD
MBD
MBD
IA
IA
IA
1B-B
2B-B
COUNTING ROOM
* 5mr/h
Instrument No.
SURVEY NO.
DATE 2/6/85
TIME T= 4h TO 4h 10MIN
Power Level M.W.E
SURVEYED BY



DATE 2/6/85

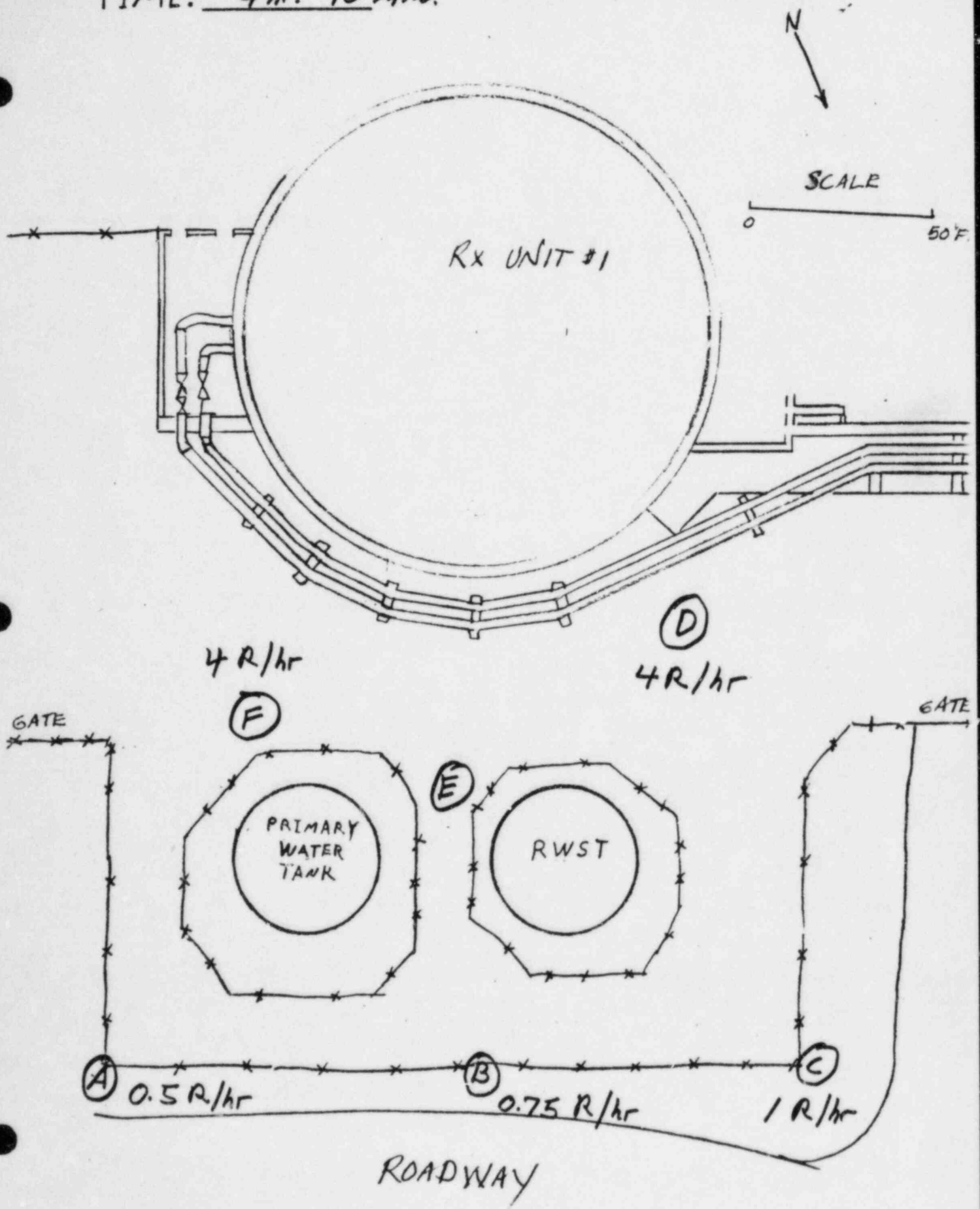
TIME T=4h TO 4h 10MIN

SURVEYED BY _____

SURVEY NO. _____

Instrument No _____

TIME: 4 hr. to 4 hr. 10 min.



Time: 4 hours to 4 hours 10 minutes

AIR SAMPLE DATA

Point	Reading (I-131)
A	5.0×10^{-4} µCi/cc
B	7.0×10^{-4} µCi/cc
C	9.0×10^{-4} µCi/cc
D	3.0×10^{-3} µCi/cc
E	----------
F	3.0×10^{-3} µCi/cc

TEA:DFS
01/14/85
B1014A.DS

Time: 4 hours to 6 hours

RADIATION DATA

A. Inside Dooray to SV Building Hallway

1. Gamma - 200 mR/hr
2. Airborne Radioiodine - 1×10^{-8} Ci/cc

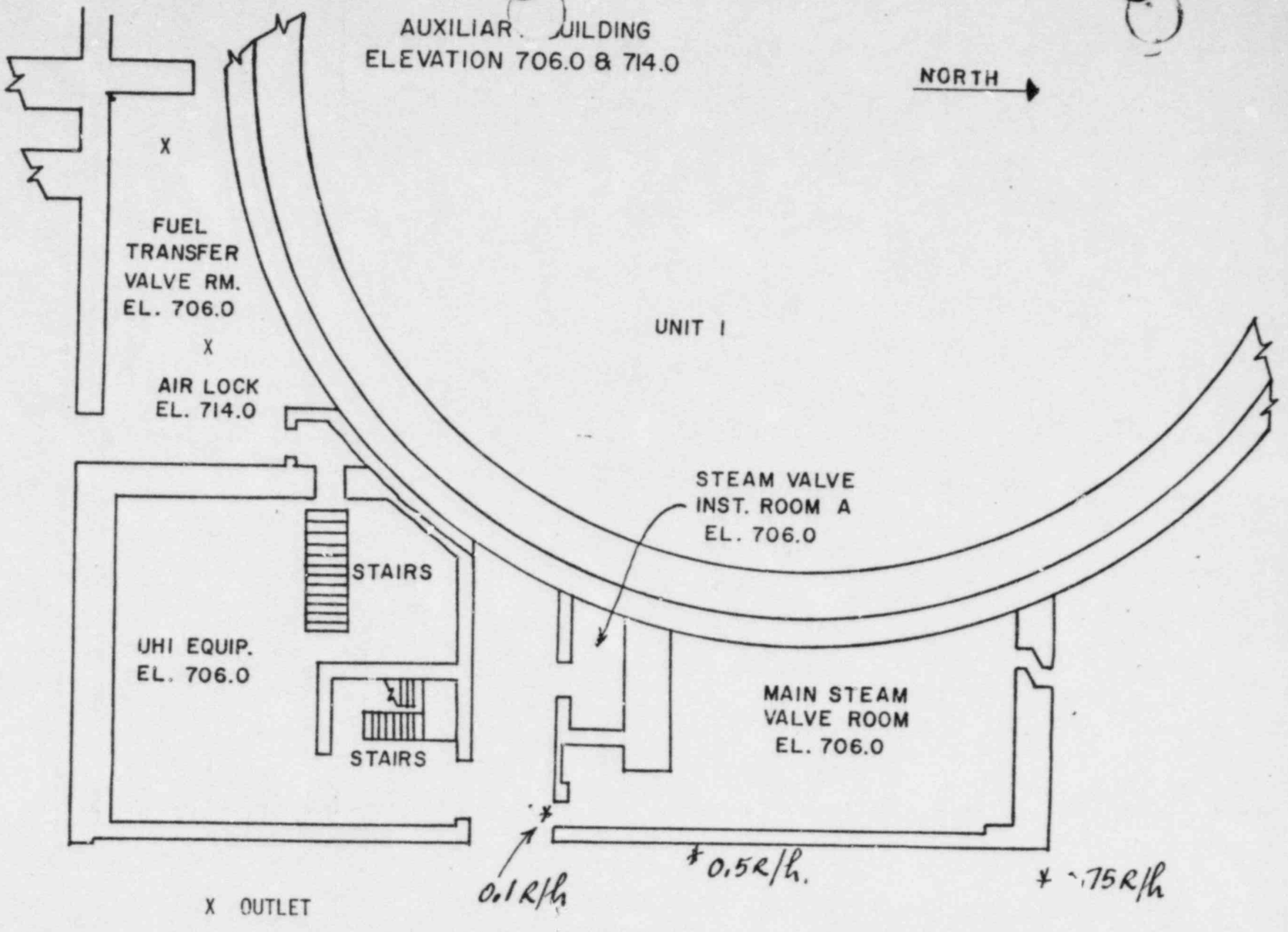
B. Elevation 690 - Health Physics Lab

Normal Radiation Levels

C. Elevation 690 - Machine Shop

1. Gamma - 4 mR/hr
2. Airborne Radioiodine - 0.25×10^{-8} Ci/cc

TEA:DFS
01/14/85
B1014A.DS



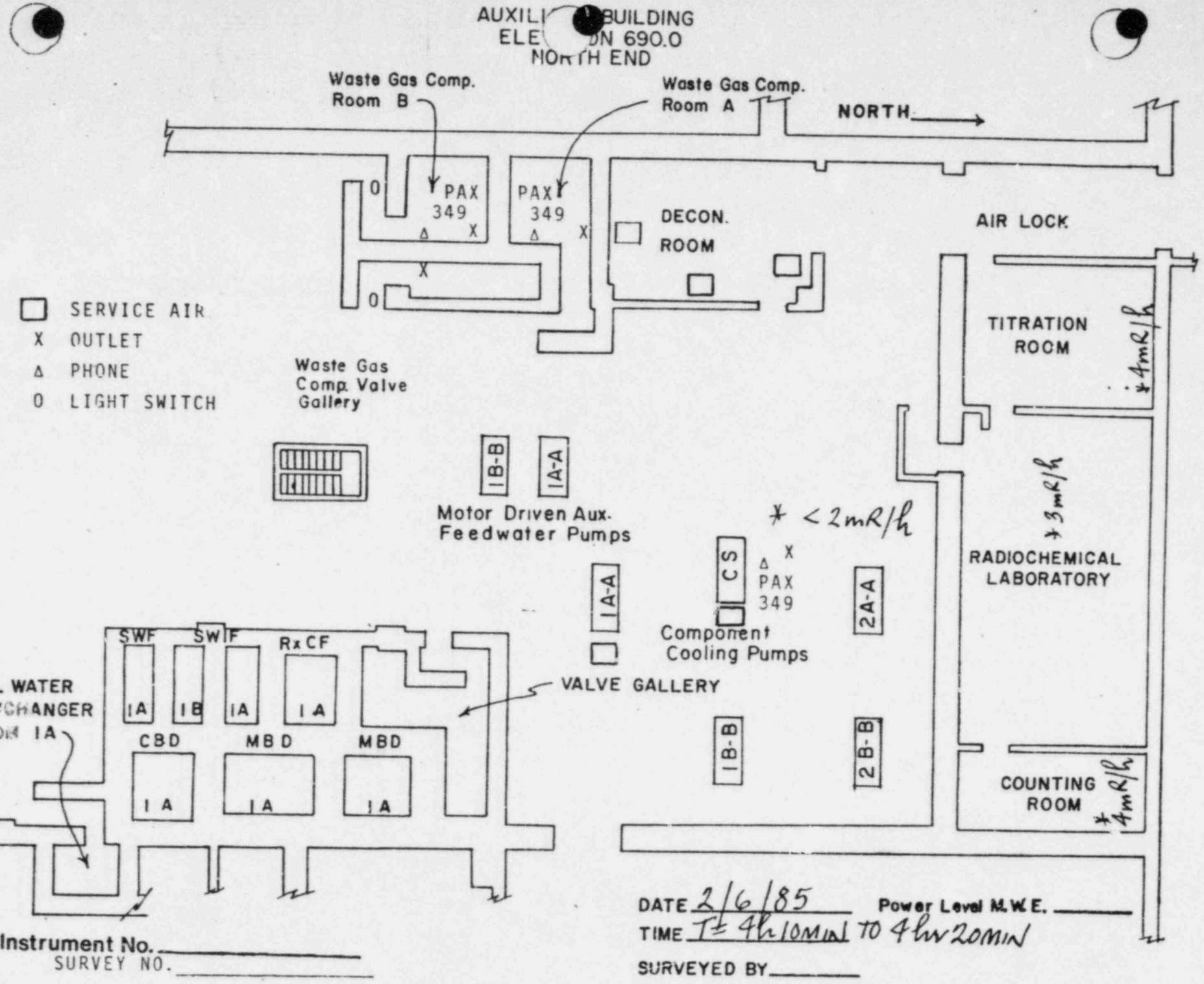
DATE 2/6/85

TIME T= 4hrs10MIN — 4hrs 20MIN

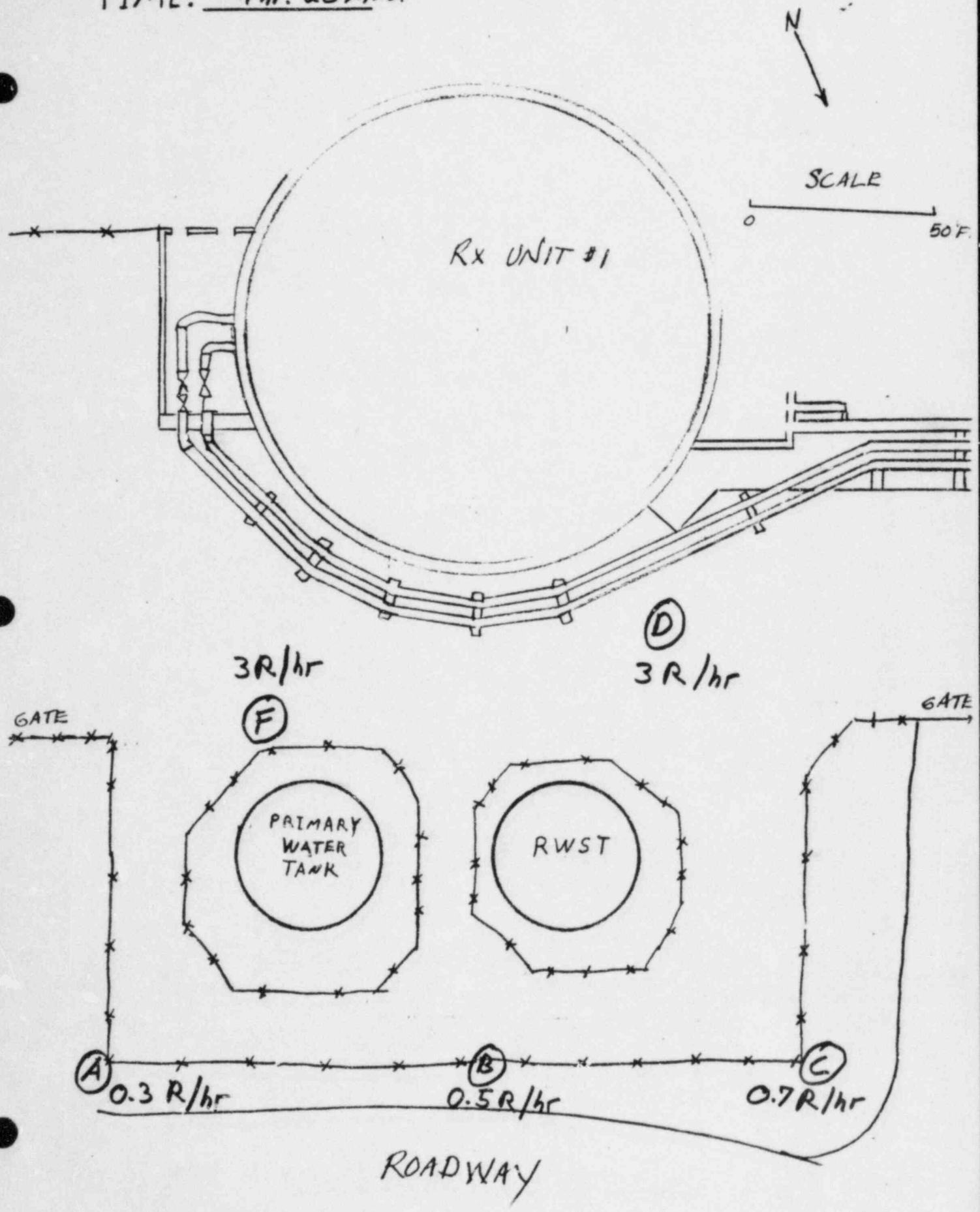
SURVEYED BY _____

SURVEY NO. _____

Instrument No _____


AUXILI BUILDING
ELE ON 690.0
NORTH END
Waste Gas Comp. Room B
Waste Gas Comp. Room A
NORTH
PAX 349
PAX 349
DECON. ROOM
AIR LOCK
SERVICE AIR
OUTLET
PHONE
LIGHT SWITCH
Waste Gas Comp. Valve Gallery
TITRATION ROOM
* 4mR/h
* 3mR/h
1B-B
1A-A
Motor Driven Aux. Feedwater Pumps
* < 2mR/h
CS
PAX 349
2A-A
RADIOCHEMICAL LABORATORY
1A-A
Component Cooling Pumps
VALVE GALLERY
SWF
SWF
RxCF
AL WATER EXCHANGER OOM 1A
1A
1B
1A
1A
CBD
MBD
MBD
1A
1A
1A
1B-B
2B-B
COUNTING ROOM
* 4mR/h
Instrument No.
SURVEY NO.
DATE 2/6/85
Power Level M.W.E.
TIME I≅ 4hr10MIN TO 4hr20MIN
SURVEYED BY

TIME: 4hr. 10 min. to 4hr. 20 min.

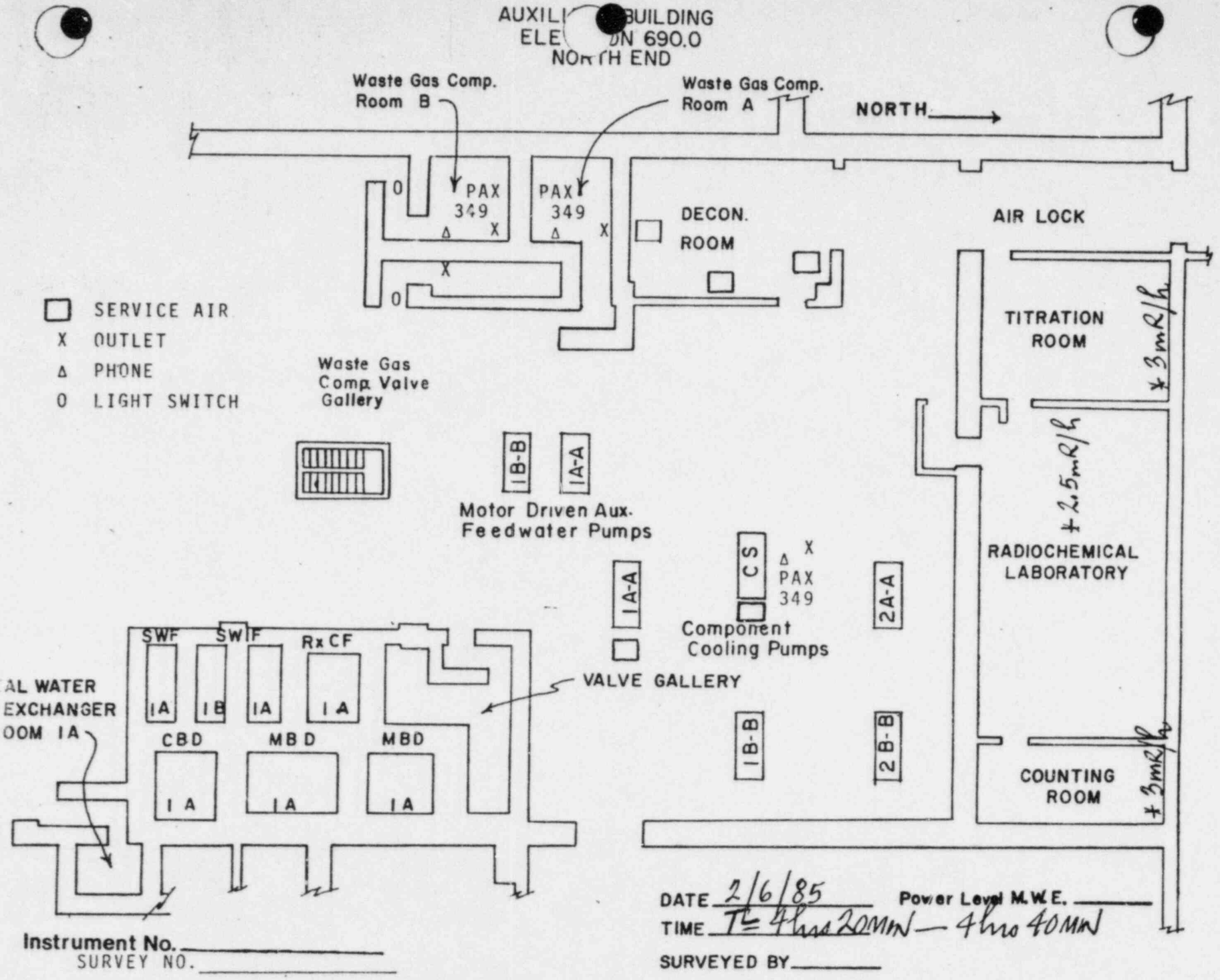


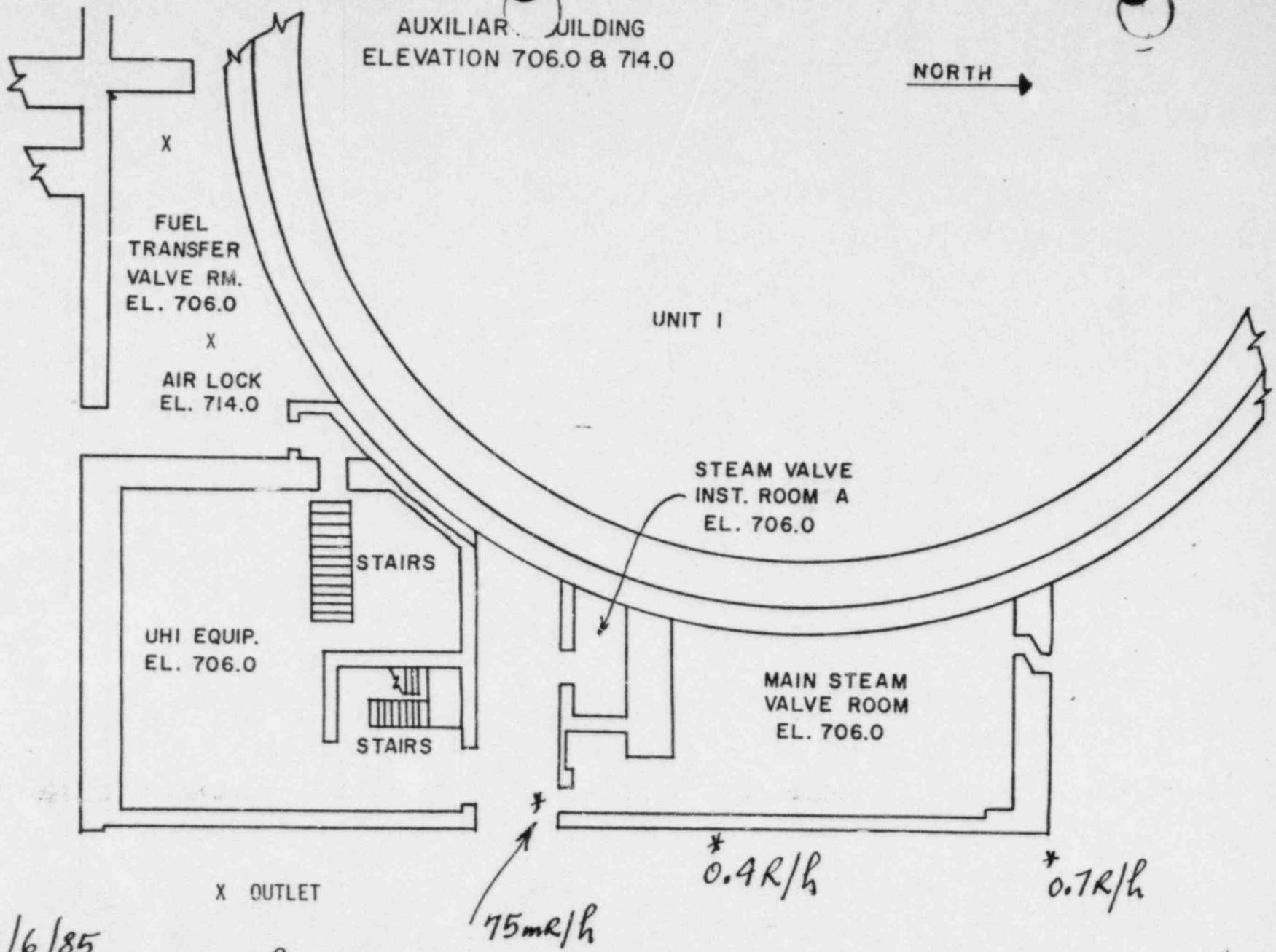
Time: 4 hours 10 minutes to 4 hours 20 minutes

AIR SAMPLE DATA

Point	Reading (I-131)	
A	3.5×10^{-4}	µCi/cc
B	5.0×10^{-4}	µCi/cc
C	6.0×10^{-4}	µCi/cc
D	2.0×10^{-3}	µCi/cc
E		
F	2.0×10^{-3}	µCi/cc

TEA:DFS
01/14/85
B1014A.DS


AUXILI BUILDING
ELE ON 690.0
NORTH END
Waste Gas Comp. Room B
Waste Gas Comp. Room A
NORTH
PAX 349
PAX 349
DECON. ROOM
AIR LOCK
SERVICE AIR
X OUTLET
Δ PHONE
O LIGHT SWITCH
Waste Gas Comp. Valve Gallery
TITRATION ROOM
+3mR/h
+2.5mR/h
RADIOCHEMICAL LABORATORY
1B-B
1A-A
Motor Driven Aux. Feedwater Pumps
CS
PAX 349
1A-A
2A-A
Component Cooling Pumps
SWF
SWF
RxCF
VALVE GALLERY
AL WATER EXCHANGER OOM 1A
1A
1B
1A
1A
CBD
MBD
MBD
1A
1A
1A
1B-B
2B-B
COUNTING ROOM
+3mR/h
Instrument No.
SURVEY NO.
DATE 2/6/85
Power Level M.W.E.
TIME T= 4hrs 20MIN — 4hrs 40MIN
SURVEYED BY



DATE 2/6/85

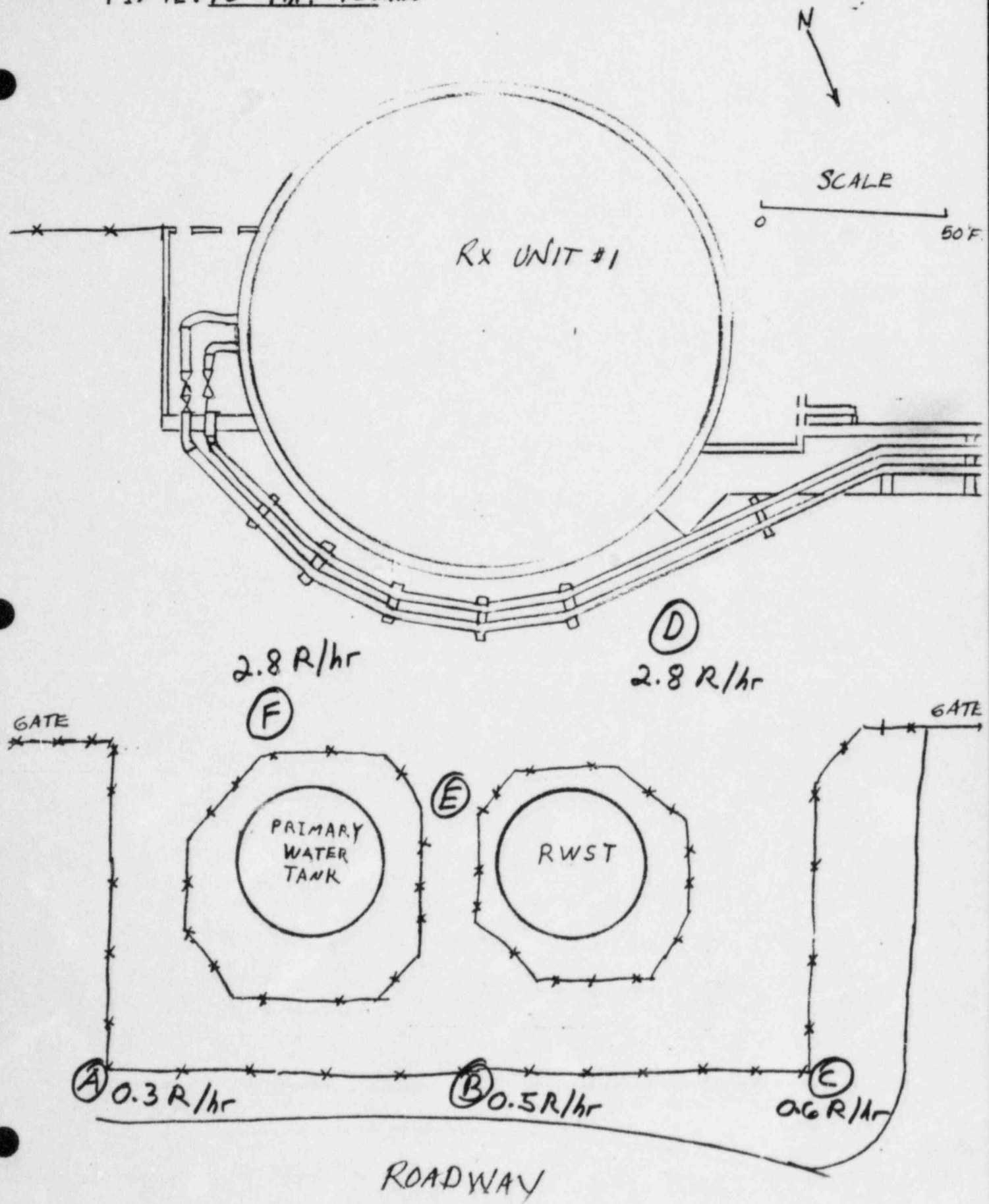
TIME T= 4hrs 20MIN → 4hrs 40MIN

SURVEYED BY _____

SURVEY NO. _____

Instrument No _____

TIME: 4hr. 20 min to 4hr. 40 min

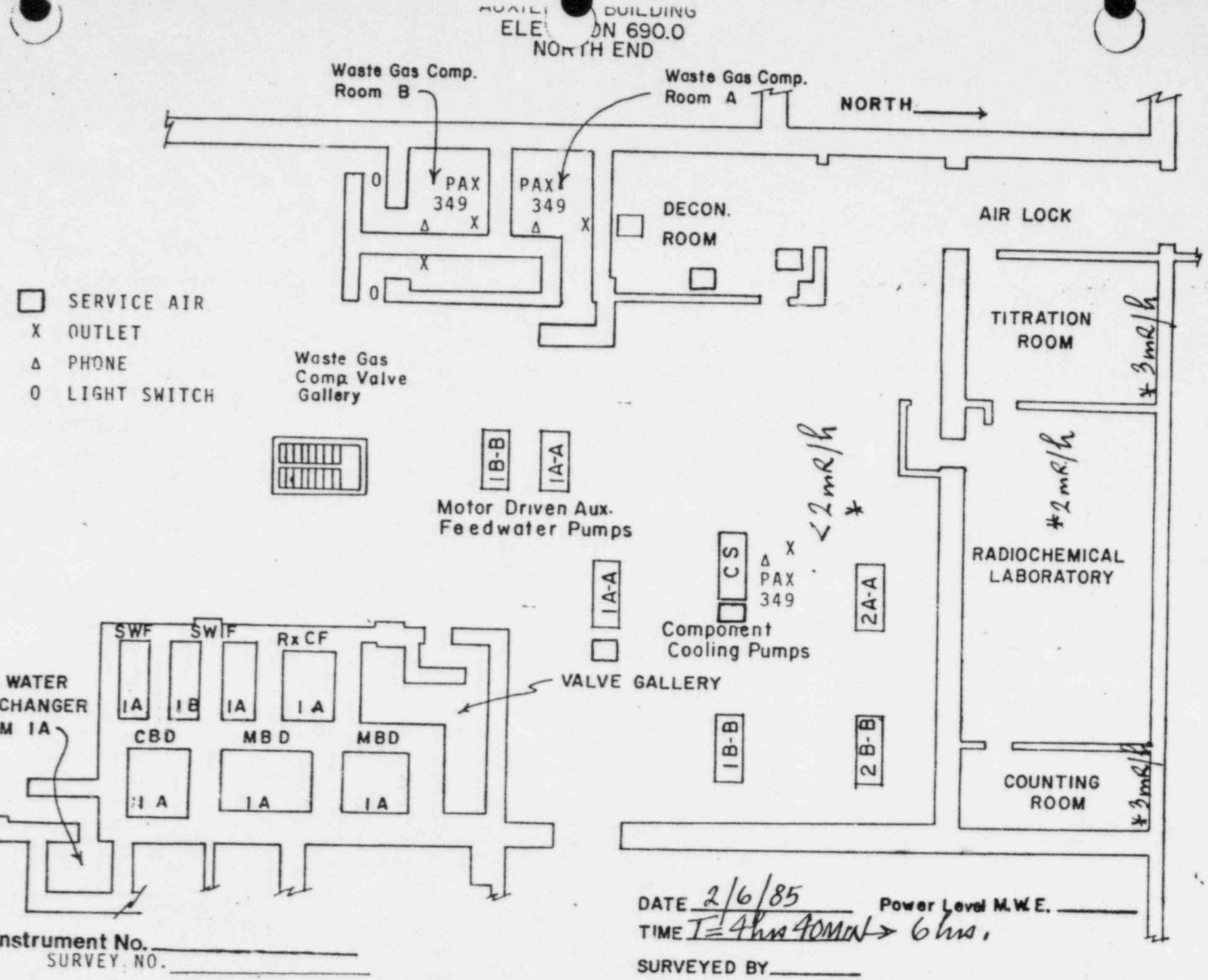


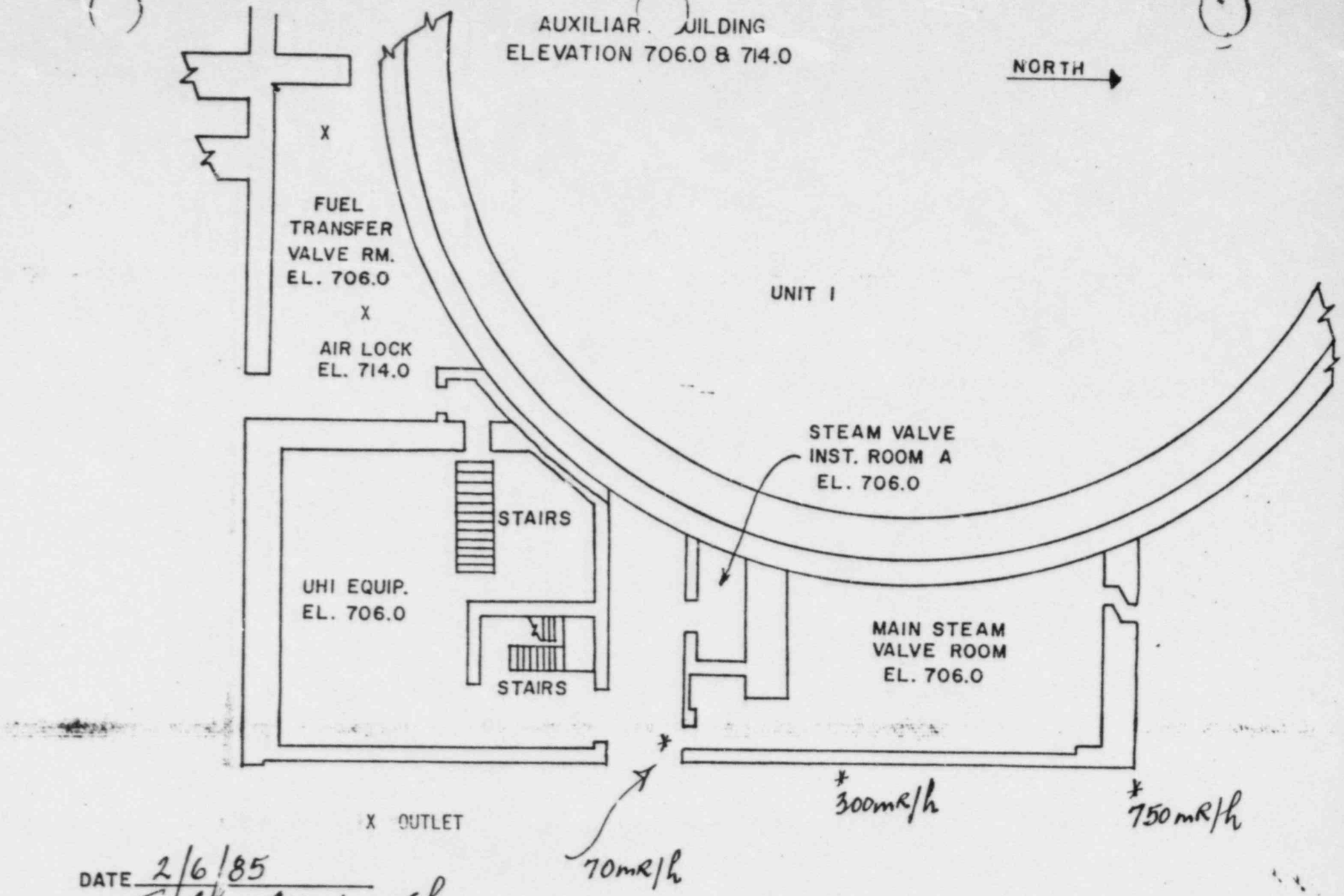
Time: 4 hours 20 minutes to 4 hours 40 minutes

AIR SAMPLE DATA

Point	Reading (I-131)	
A	3.4×10^{-4}	µCi/cc
B	4.7×10^{-4}	µCi/cc
C	5.7×10^{-4}	µCi/cc
D	1.8×10^{-3}	µCi/cc
E	----------	
F	1.9×10^{-3}	µCi/cc

TEA:DFS
01/14/85
B1014A.DS


AUXILIARY BUILDING
ELEVATION 690.0
NORTH END
Waste Gas Comp. Room B
Waste Gas Comp. Room A
NORTH
PAX 349
PAX 349
DECON. ROOM
AIR LOCK
SERVICE AIR
X OUTLET
Δ PHONE
0 LIGHT SWITCH
Waste Gas Comp Valve Gallery
TITRATION ROOM
*3mR/h
*2mR/h
<2mR/h*
1B-B
1A-A
Motor Driven Aux. Feedwater Pumps
CS
PAX 349
1A-A
2A-A
Component Cooling Pumps
RADIOCHEMICAL LABORATORY
SWF
SWF
RxCF
SEAL WATER
T EXCHANGER
ROOM 1A
1A
1B
1A
1A
VALVE GALLERY
CBD
MBD
MBD
1A
1A
1A
1B-B
2B-B
COUNTING ROOM
*3mR/h
DATE 2/6/85
Power Level M.W.E.
TIME I=4hrs 40MIN → 6hrs.
SURVEYED BY
Instrument No.
SURVEY. NO.



DATE 2/6/85

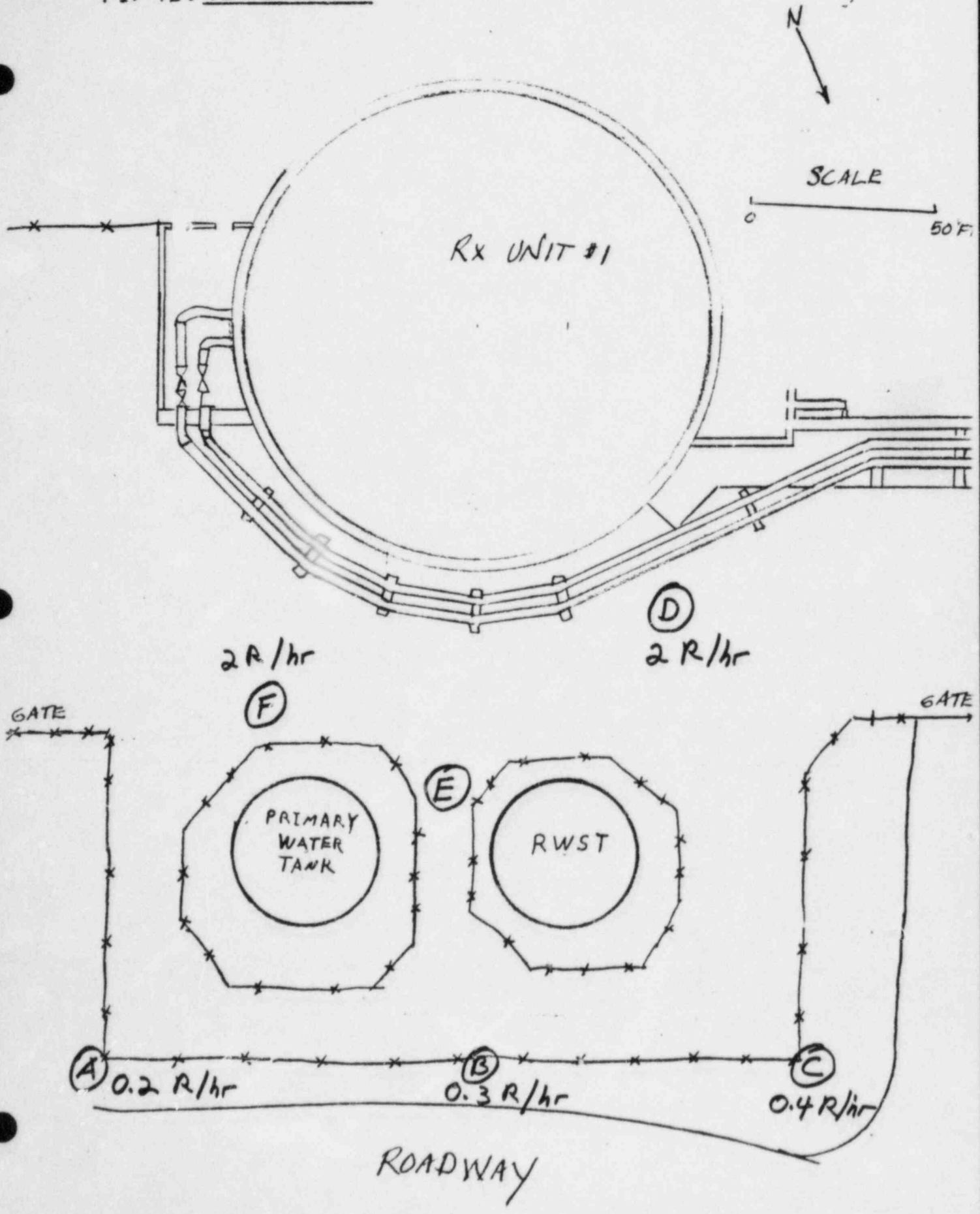
TIME I= 4 hrs 40 MIN → 6 hrs

SURVEYED BY_____

SURVEY NO._____

Instrument No_____

TIME: 4hr. 40 min. to 6 hr.



Time: 4 hours 40 minutes to 6 hours

AIR SAMPLE DATA

Point	Reading (I-131)	
A	2.2×10^{-4}	µCi/cc
B	3.2×10^{-4}	µCi/cc
C	4.0×10^{-4}	µCi/cc
D	1.2×10^{-3}	µCi/cc
E		
F	1.2×10^{-3}	µCi/cc

TEA:DFS
01/14/85
B1014A.DS

Time: 6 hours to 10 hours

RADIATION DATA

A. Inside doorway to SV Building Hallway

1. Gamma - 50 mR/hrr
2. Airborne Radioiodine - 0.4×10^{-8} Ci/cc

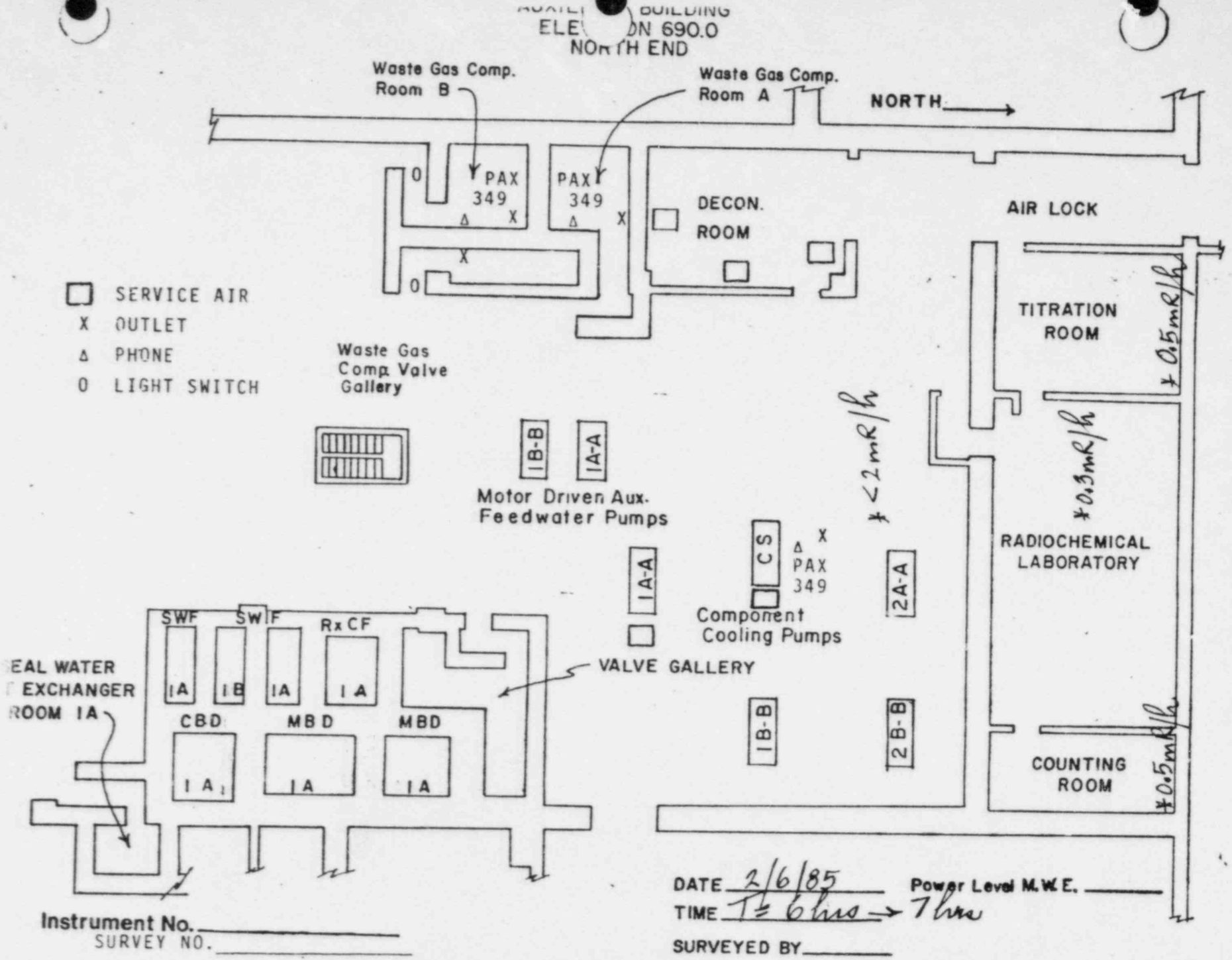
B. Elevation 690 - Health Physics Lab

Normal Radiation Levels

C. Elevation 690 - Machine Shop

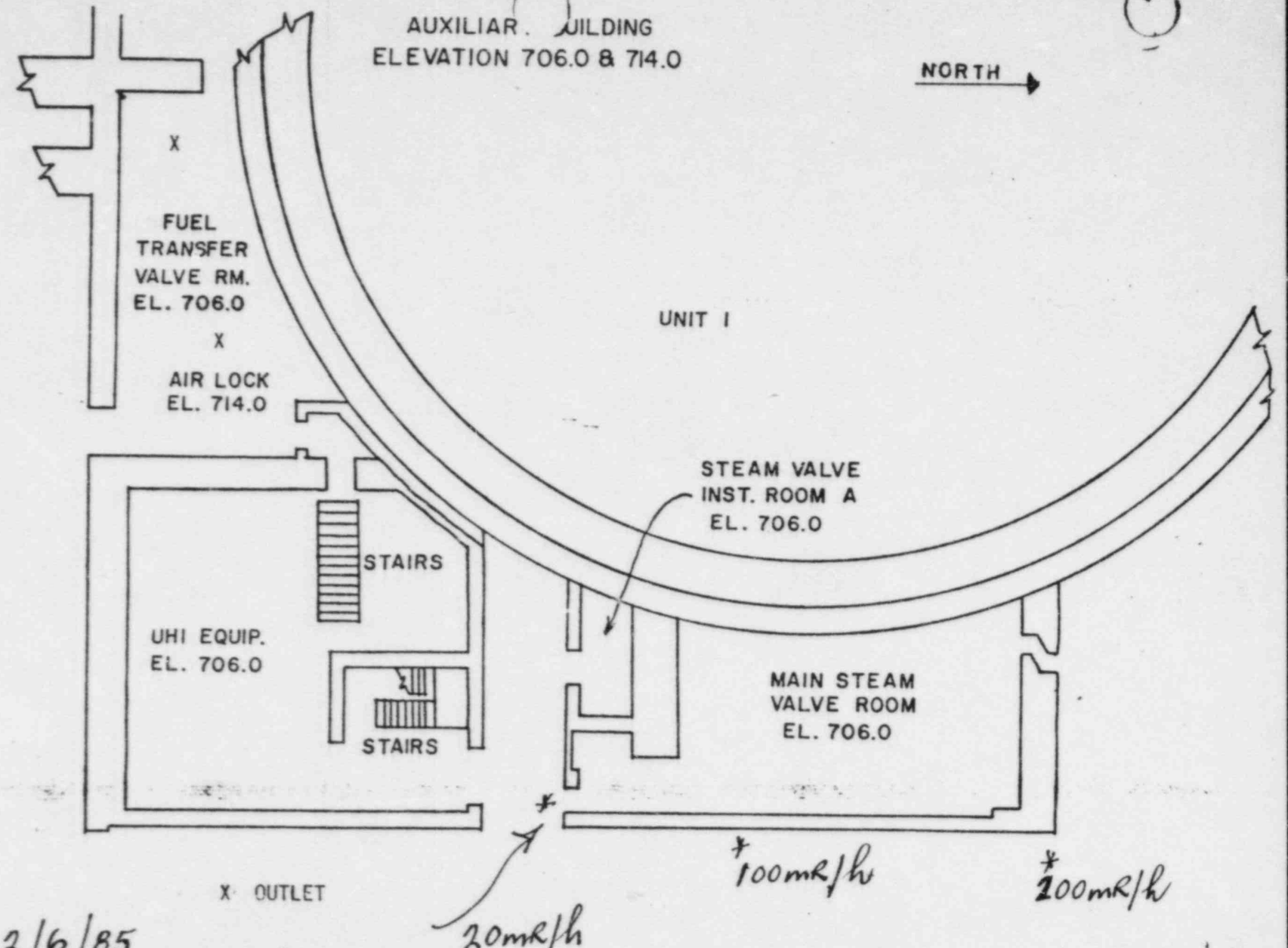
1. Gamma - 2 mR/hr
2. Airborne Radioiodine - 0.1×10^{-8} Ci/cc

TEA:DFS
01/14/85
B1014A.DS


AUXILIARY BUILDING
ELEVATION 690.0
NORTH END
Waste Gas Comp. Room B
Waste Gas Comp. Room A
NORTH
PAX 349
PAX 349
DECON. ROOM
AIR LOCK
SERVICE AIR
X OUTLET
Δ PHONE
0 LIGHT SWITCH
Waste Gas Comp Valve Gallery
TITRATION ROOM
≠0.5mR/h
≠<2mR/h
≠0.3mR/h
1B-B
1A-A
Motor Driven Aux. Feedwater Pumps
CS
PAX 349
2A-A
Component Cooling Pumps
RADIOCHEMICAL LABORATORY
1A-A
VALVE GALLERY
SWF
SWF
RxCF
EAL WATER
EXCHANGER
ROOM 1A
1A
1B
1A
1A
CBD
MBD
MBD
1A
1A
1A
1B-B
2B-B
COUNTING ROOM
≠0.5mR/h
Instrument No.
SURVEY NO.
DATE 2/6/85
Power Level M.W.E.
TIME 1≠6 hrs → 7 hrs
SURVEYED BY

AUXILIAR. BUILDING
ELEVATION 706.0 & 714.0

NORTH →



DATE 2/6/85

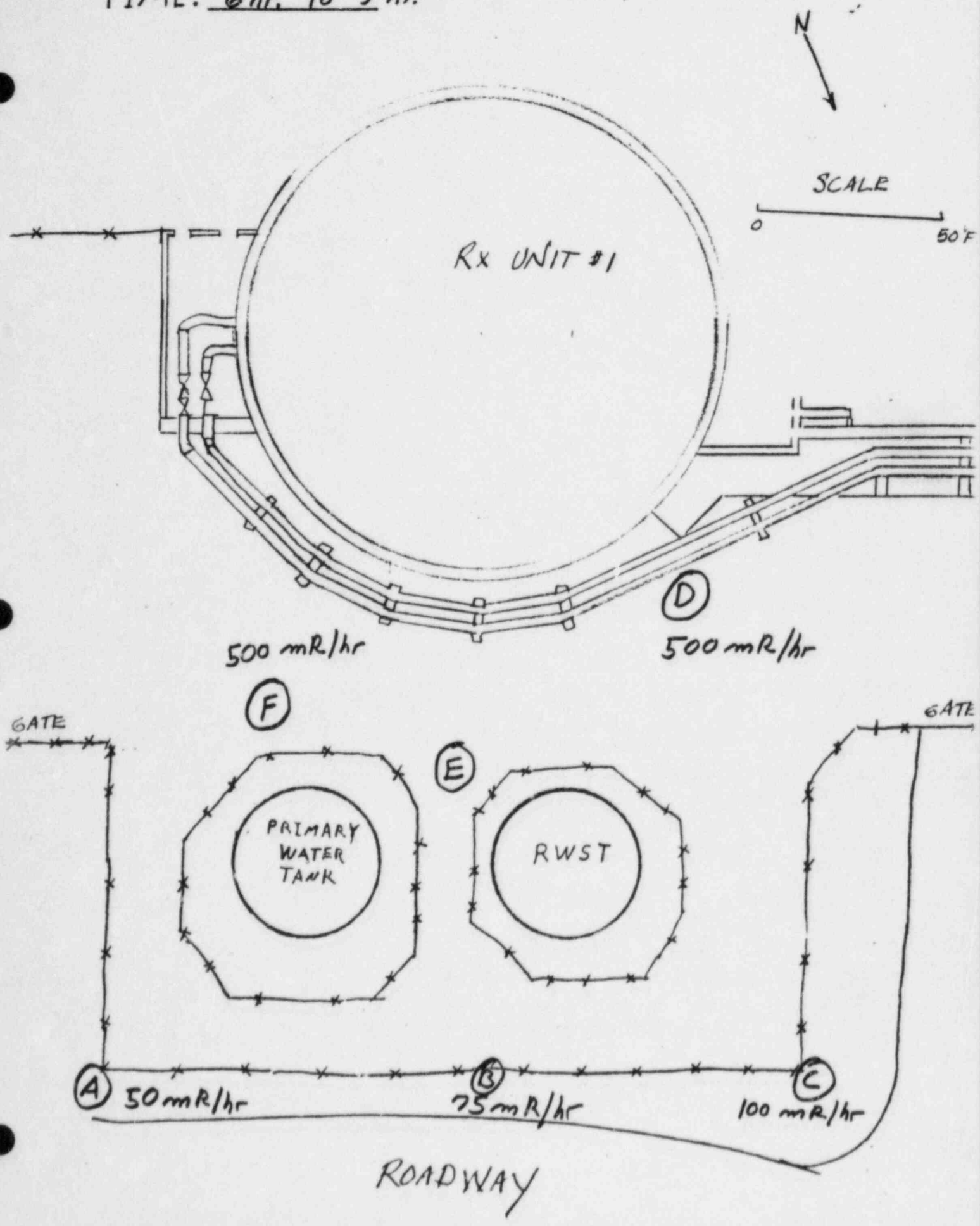
TIME T= 6 hrs → 7 hrs.

SURVEYED BY _____

SURVEY NO. _____

Instrument No _____

TIME: 6hr. to 7hr.

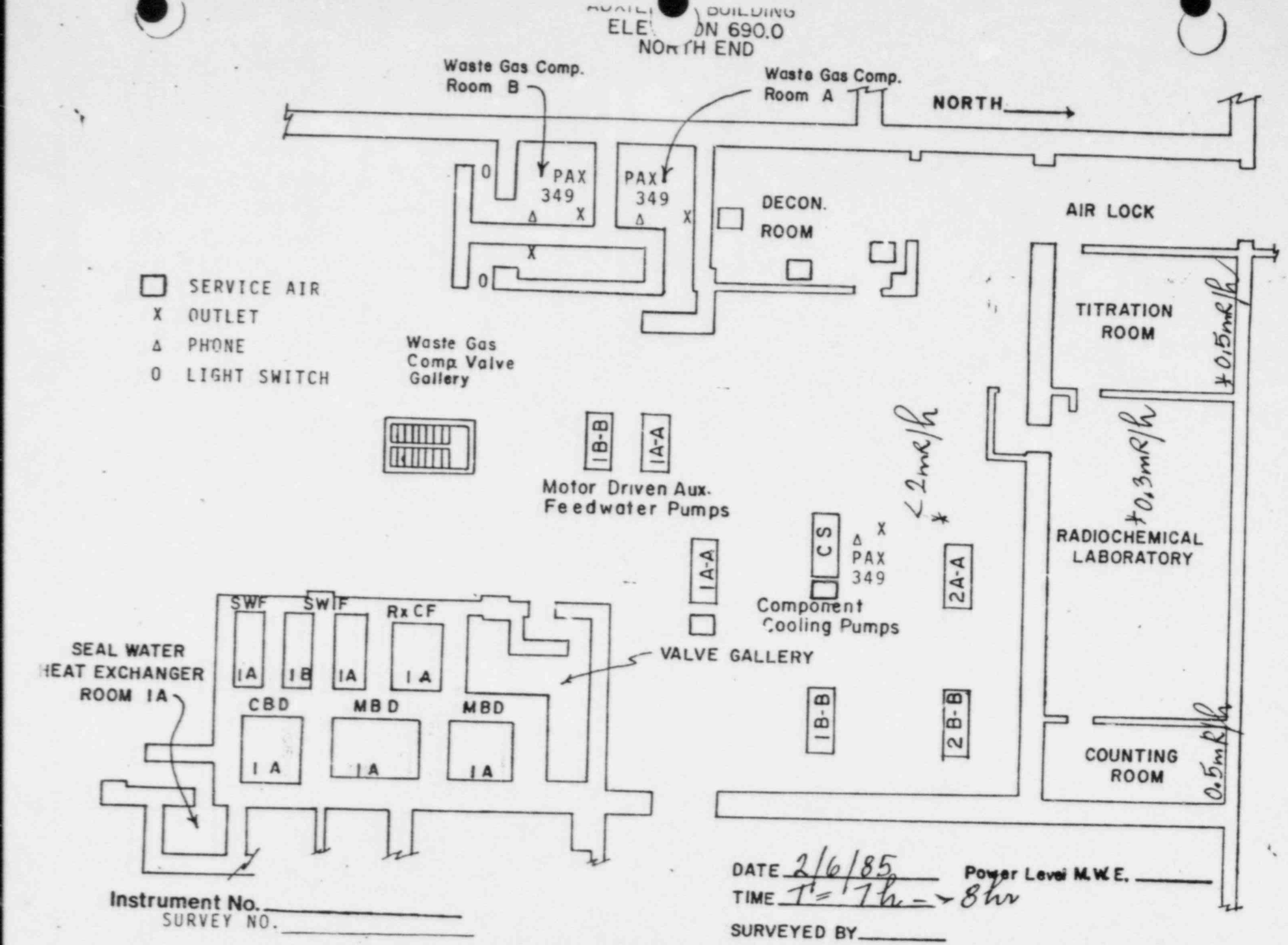


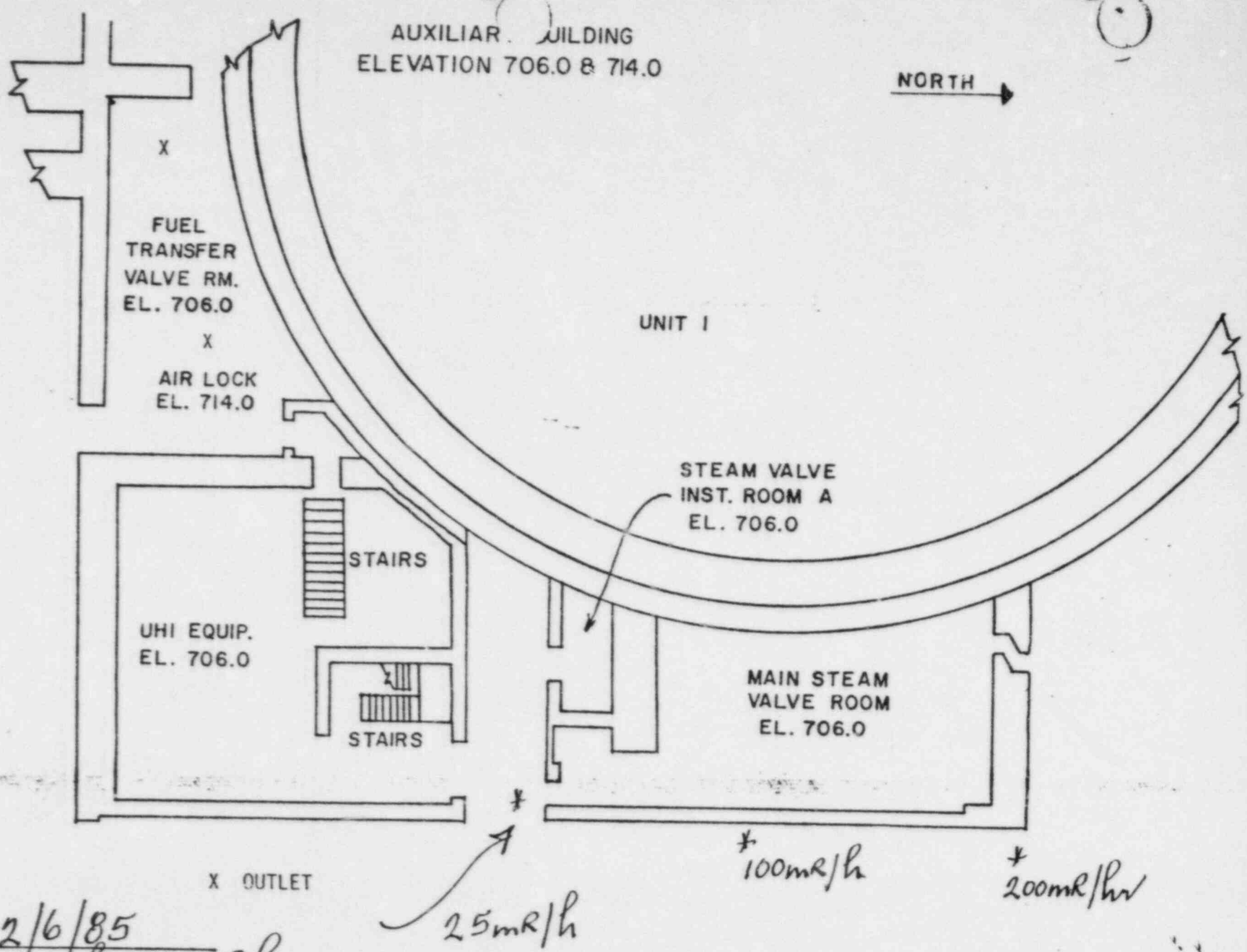
Time: 6 hours to 7 hours

AIR SAMPLE DATA

Point	Reading (I-131)	
A	5.5×10^{-5}	µCi/cc
B	8.0×10^{-5}	µCi/cc
C	1.0×10^{-4}	µCi/cc
D	3.0×10^{-4}	µCi/cc
E		
F	3.0×10^{-4}	µCi/cc

TEA:DFS
01/14/85
B1014A.DS


AUXILIARY BUILDING
ELEVATION 690.0
NORTH END
Waste Gas Comp. Room B
Waste Gas Comp. Room A
NORTH
PAX 349
PAX 349
DECON. ROOM
AIR LOCK
SERVICE AIR
OUTLET
PHONE
LIGHT SWITCH
Waste Gas Comp Valve Gallery
TITRATION ROOM
≠0.15mR/h
≠0.3mR/h
1B-B
1A-A
Motor Driven Aux. Feedwater Pumps
<2mR/h
CS
PAX 349
1A-A
2A-A
Component Cooling Pumps
RADIOCHEMICAL LABORATORY
SWF
SWF
RxCF
SEAL WATER HEAT EXCHANGER ROOM 1A
1A
1B
1A
1A
VALVE GALLERY
CBD
MBD
MBD
1A
1A
1A
1B-B
2B-B
COUNTING ROOM
0.5mR/h
DATE 2/6/85
Power Level M.W.E.
TIME 1 = 1hr → 8hr
SURVEYED BY
Instrument No.
SURVEY NO.



DATE 2/6/85

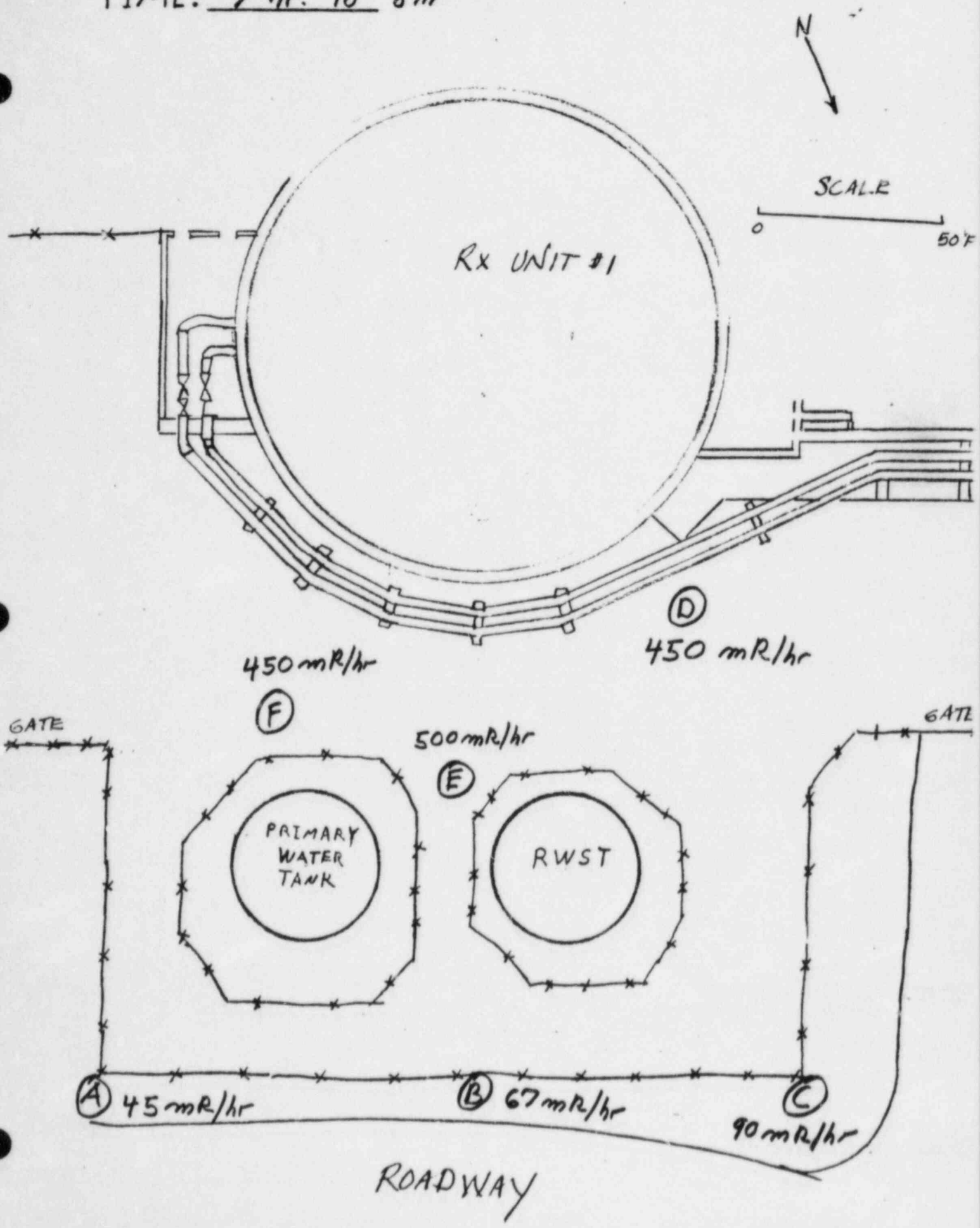
TIME T= 7hrs → 8hrs

SURVEYED BY _____

SURVEY NO. _____

Instrument No _____

TIME: 7 hr. to 8 hr

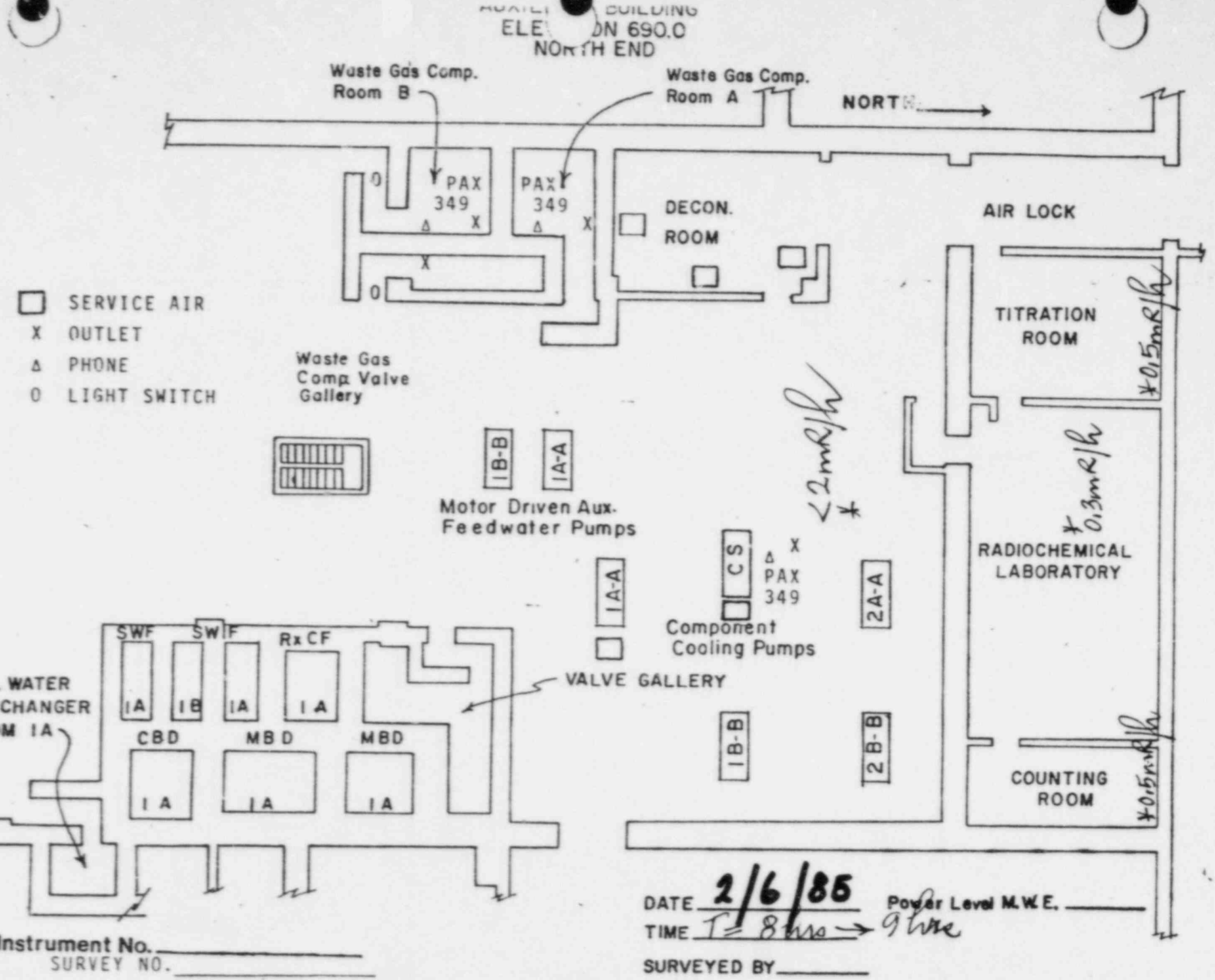


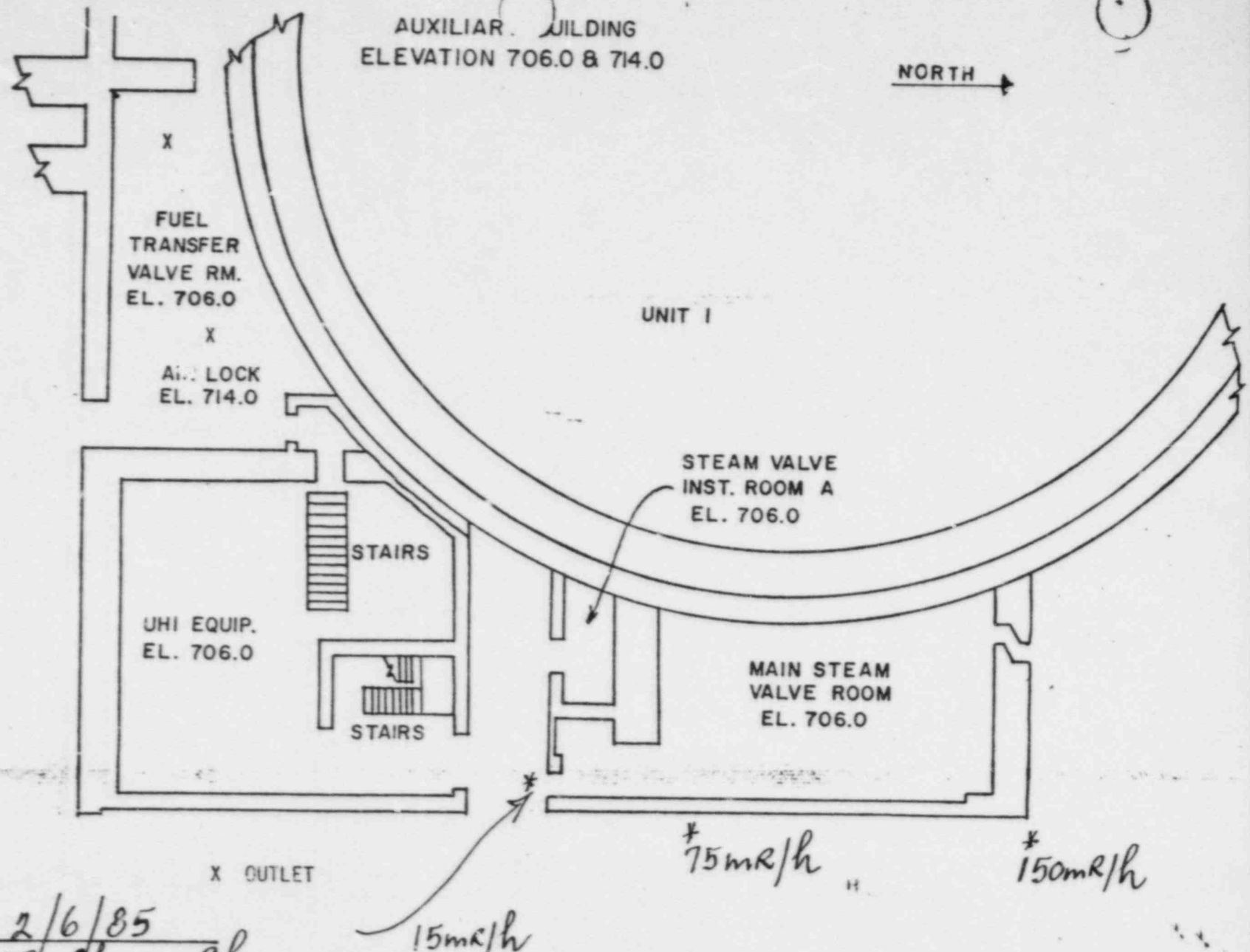
Time: 7 hours to 8 hours

AIR SAMPLE DATA

Point	Reading (I-131)	
A	5.0×10^{-5}	µCi/cc
B	7.2×10^{-5}	µCi/cc
C	9.0×10^{-5}	µCi/cc
D	2.8×10^{-4}	µCi/cc
E	3.0×10^{-4}	µCi/cc
F	2.8×10^{-4}	µCi/cc

TEA:DFS
01/14/85
B1014A.DS


AUXILIARY BUILDING
ELEVATION 690.0
NORTH END
Waste Gas Comp. Room B
Waste Gas Comp. Room A
NORTH
PAX 349
PAX 349
DECON. ROOM
AIR LOCK
SERVICE AIR
X OUTLET
Δ PHONE
O LIGHT SWITCH
Waste Gas Comp Valve Gallery
TITRATION ROOM
<0.5mR/h
<2mR/h
<0.3mR/h
1B-B
1A-A
Motor Driven Aux. Feedwater Pumps
CS
PAX 349
2A-A
RADIOCHEMICAL LABORATORY
1A-A
Component Cooling Pumps
SWF
SWF
RxCF
SEAL WATER HEAT EXCHANGER ROOM 1A
VALVE GALLERY
1A
1B
1A
1A
CBD
MBD
MBD
1A
1A
1A
1B-B
2B-B
COUNTING ROOM
<0.5mR/h
Instrument No.
SURVEY NO.
DATE 2/6/85
Power Level M.W.E.
TIME 1= 8 hrs → 9 hrs
SURVEYED BY



DATE 2/6/85

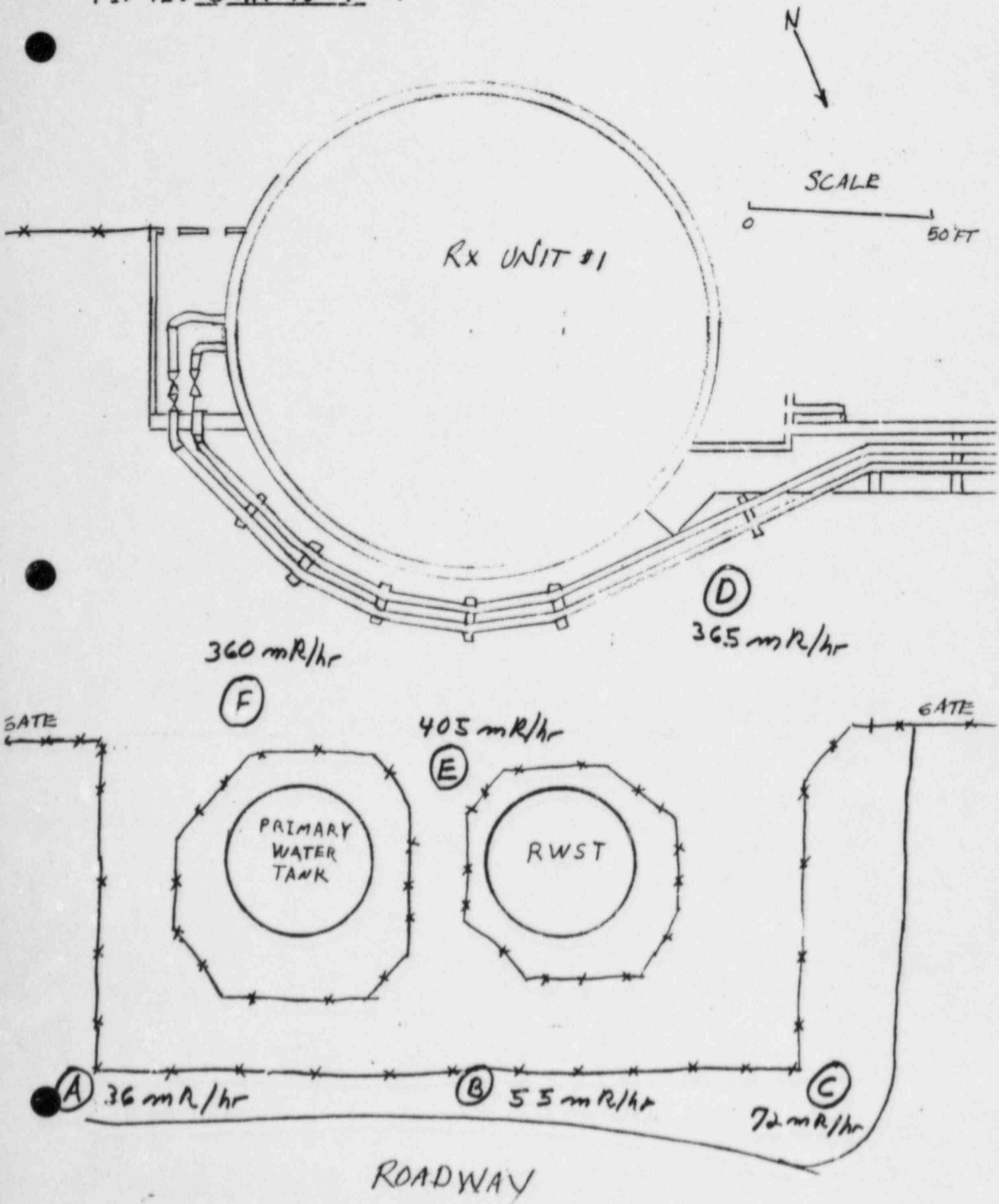
TIME T= 8hrs → 9hrs

SURVEYED BY _____

SURVEY NO. _____

Instrument No _____

TIME: 8 hr. to 9 hr.



Time: 8 hours to 9 hours

AIR SAMPLE DATA

Point	Reading (I-131)	
A	4.05×10^{-5}	µCi/cc
B	5.8×10^{-5}	µCi/cc
C	7.3×10^{-5}	µCi/cc
D	2.3×10^{-4}	µCi/cc
E	2.4×10^{-4}	µCi/cc
F	2.3×10^{-4}	µCi/cc

TEA:DFS
01/14/85
B1014A.DS

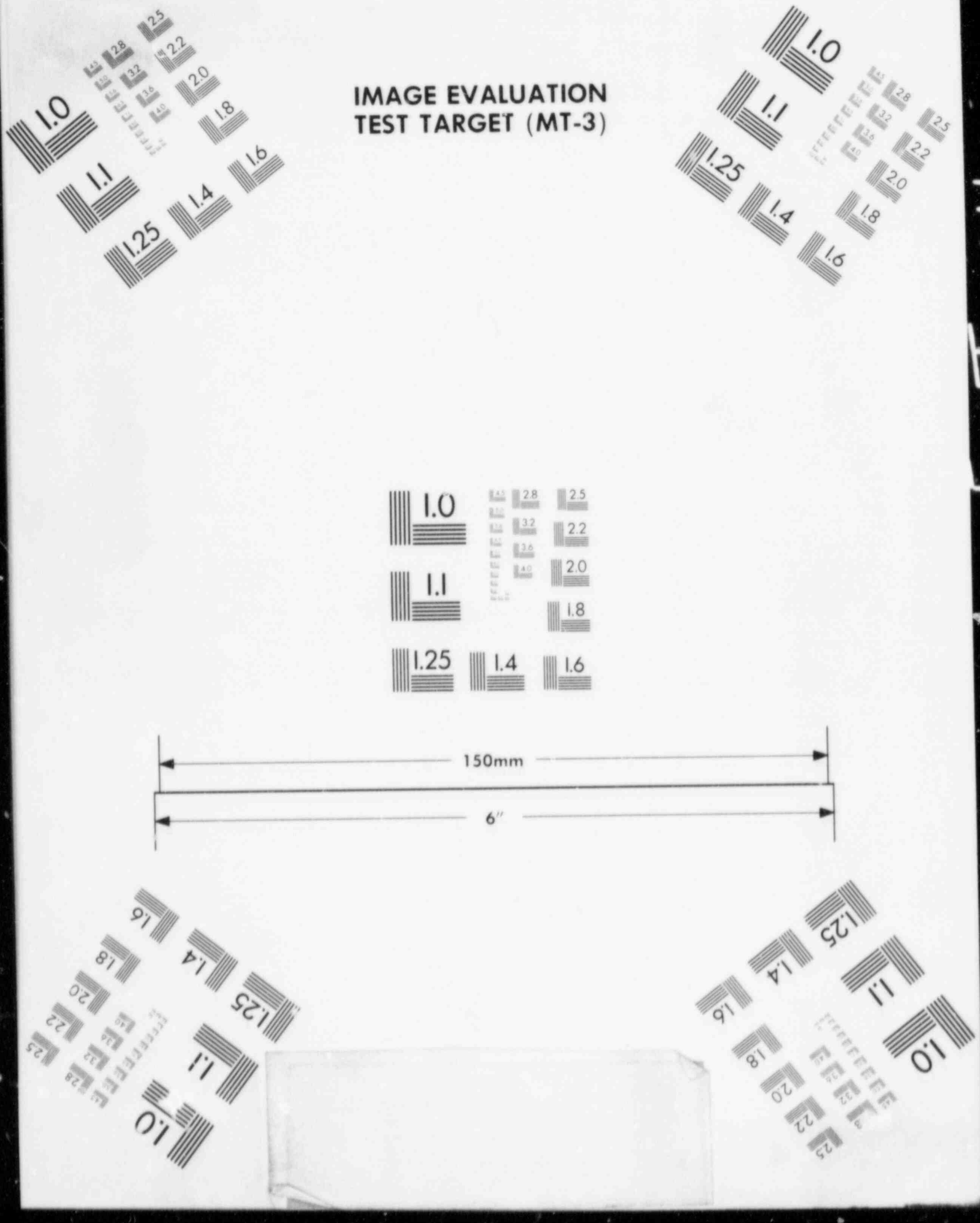
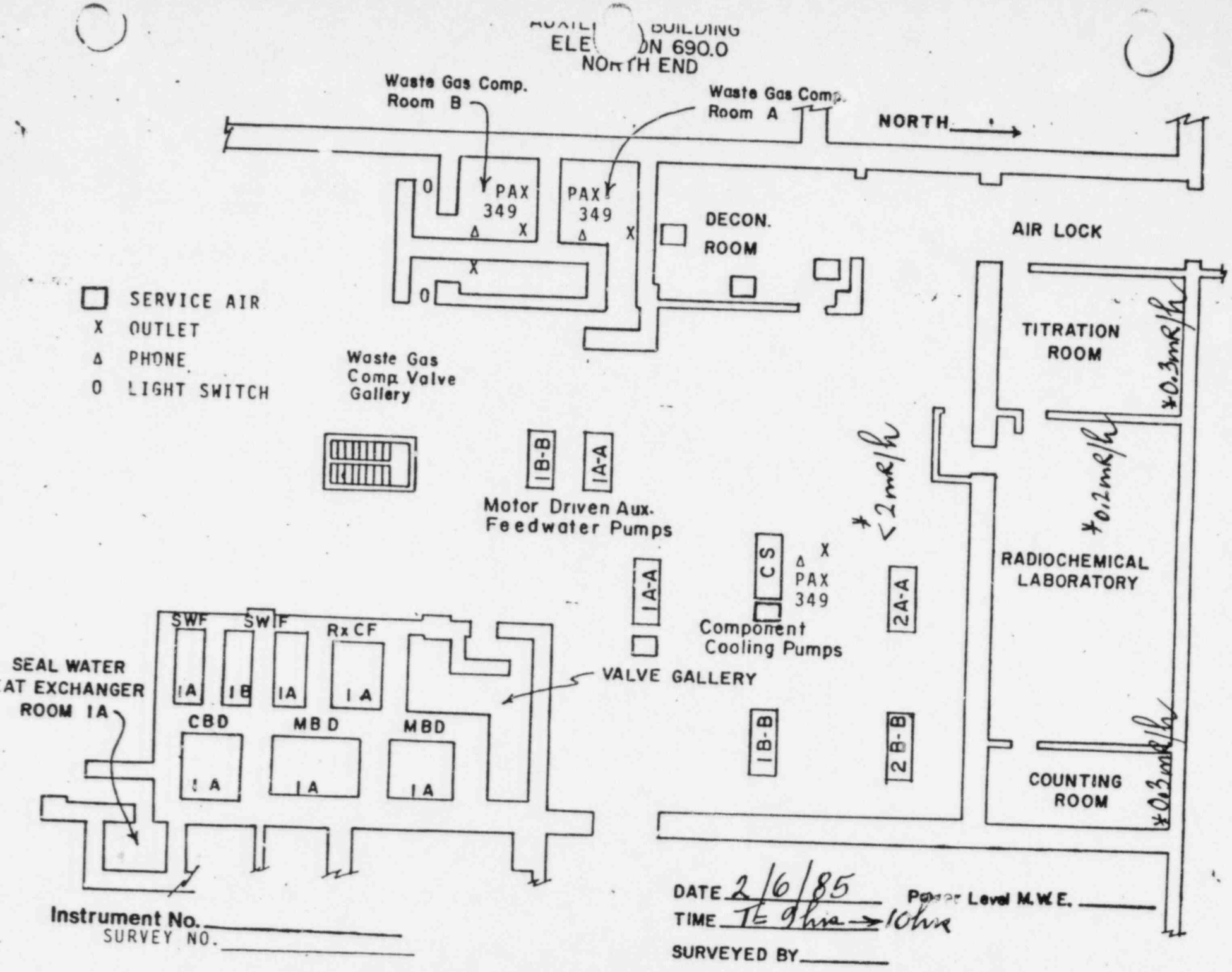
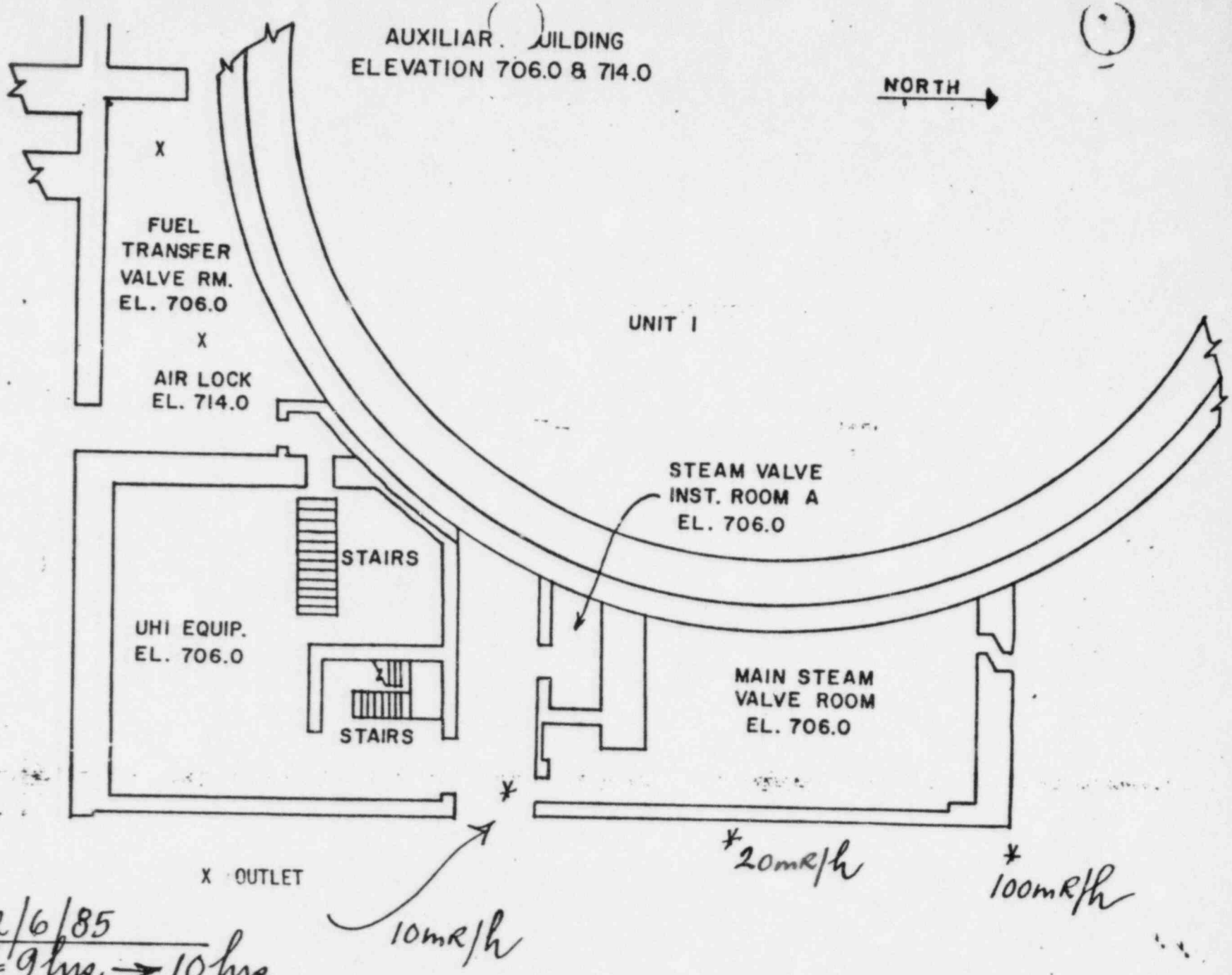


IMAGE EVALUATION
TEST TARGET (MT-3)
1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
150mm
6"


AUXILIARY BUILDING
ELEVATION 690.0
NORTH END
Waste Gas Comp. Room B
Waste Gas Comp. Room A
NORTH
PAX 349
PAX 349
DECON. ROOM
AIR LOCK
SERVICE AIR
OUTLET
PHONE
LIGHT SWITCH
Waste Gas Comp Valve Gallery
TITRATION ROOM
*0.3mR/h
*0.2mR/h
*<2mR/h
1B-B
1A-A
Motor Driven Aux. Feedwater Pumps
CS
PAX 349
1A-A
2A-A
Component Cooling Pumps
RADIOCHEMICAL LABORATORY
SWF
SWF
RxCF
SEAL WATER AT EXCHANGER ROOM 1A
VALVE GALLERY
1A
1B
1A
1A
CBD
MBD
MBD
1A
1A
1A
1B-B
2B-B
COUNTING ROOM
*0.3mR/h
Instrument No.
SURVEY NO.
DATE 2/6/85
TIME 7E 9hr → 10hr
Power Level M.W.E.
SURVEYED BY



DATE 2/6/85

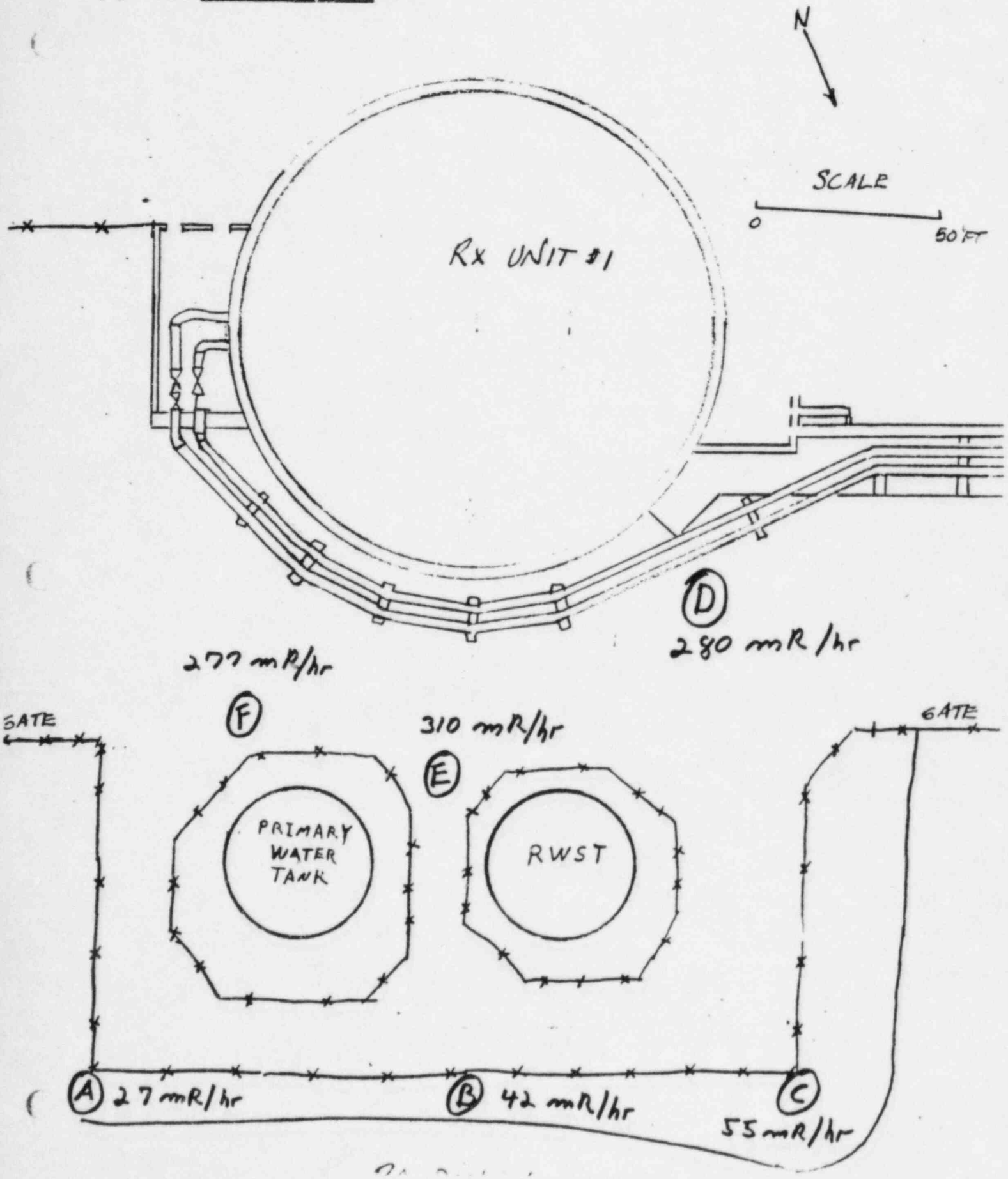
TIME T=9hrs → 10hrs

SURVEYED BY _____

SURVEY NO. _____

Instrument No

TIME: 9hr. to 10hr.



Time: 9 hours to 10 hours

AIR SAMPLE DATA

Point	Reading (I-131)	
A	3.1×10^{-5}	µCi/cc
B	4.4×10^{-5}	µCi/cc
C	5.5×10^{-5}	µCi/cc
D	1.7×10^{-4}	µCi/cc
E	1.8×10^{-4}	µCi/cc
F	1.7×10^{-4}	µCi/cc

TEA:DFS
01/14/85
B1014A.DS

REACTOR COOLANT ACTIVITY

Time: 0 Hours (initial conditions)

Isotope	Microcuries per cubic centimeter
(Kr 85m)	1.1×10^{-1}
Kr 87	6.0×10^{-2}
Kr 88	2.0×10^{-1}
Xe 131m	1.1×10^{-1}
Xe 133m	2.2×10^{-1}
Xe 133	1.8×10^{1}
Xe 135	3.5×10^{-1}
I 131	2.7×10^{-1}
I 132	1.0×10^{-1}
I 133	3.8×10^{-1}
I 135	1.9×10^{-1}
Rb 88	2.0×10^{-1}
Cs 134	2.5×10^{-2}
Cs 137	1.8×10^{-2}
Te 129	1.6×10^{-3}
Te 132	2.7×10^{-2}
Ba 140	2.2×10^{-4}
La 140	1.5×10^{-4}
La 142	0
Pr 144	3.3×10^{-5}

REACTOR COOLANT ACTIVITY

Time = 2 hours to 3 hours

Isotope	Activity Microcuries per cubic centimeter
(Kr 85m)	9.14×10^{-1}
Kr 87	9.14×10^{-1}
Kr 88	1.87×10^{0}
Xe 131m	1.66×10^{-1}
Xe 133m	3.98×10^{0}
Xe 133	4.15×10^{1}
Xe 135	2.12×10^{0}
I 131	1.74×10^{1}
I 132	1.66×10^{0}
I 133	5.93×10^{0}
I 135	3.74×10^{0}
Rb 88	2.1×10^{-1}
Cs 134	2.45×10^{-2}
Cs 137	1.85×10^{-2}
Te 129	1.65×10^{-3}
Te 132	2.65×10^{-2}
Ba 140	2.18×10^{-4}
La 140	1.52×10^{-4}
La 142	0
Pr 144	3.31×10^{-5}

TEA:MJS
1/14/85

REACTOR COOLANT ACTIVITY

Time = 4 hours

Isotope	Microcuries per cubic centimeter at 1200 CST2-C
(Kr 85m)	9.12×10^{-1}
Kr 87	3.08×10^{-1}
Kr 88	$1.16 \times 10^{+0}$
Xe 131m	1.68×10^{-1}
Xe 133m	$7.63 \times 10^{+0}$
Xe 133	$4.18 \times 10^{+1}$
Xe 135	$2.12 \times 10^{+0}$
I 131	$1.75 \times 10^{+1}$
I 132	$1.69 \times 10^{+0}$
I 133	
I 135	
Rb 88	1.44×10^{-1}
Cs 134	2.44×10^{-2}
Cs 137	1.86×10^{-2}
Te 129	1.64×10^{-3}
Te 132	2.63×10^{-2}
Ba 140	2.17×10^{-4}
La 140	1.52×10^{-4}
La 142	0
Pr 144	3.28×10^{-5}

TEA:DFS
01/14/85
B1014A.DS

SEQUOYAH
MONITORING POINTS

ENVIRONMENTAL MONITORING DATA

Time 0800 - 0815

GM Readings

Monitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
.5-1 Mile E-Sector	14.7	11.03	13.23	10.29	14	B
1 other monitoring ocations-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	$2x10^{-11}$ $5x10^{-11}$

ENVIRONMENTAL MONITORING DATA

Time 0815 - 0830

GM Readings

Monitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (μci/cc)
5-1 Mile E-Sector	14.7	11.03	13.23	10.29	14	B
2 Miles ENE+Sector	B	B	B	B	B	B
E-Sector	3.4	2.6	3.1	2.4	3	B
cation 2-3	0.41	0.31	0.37	0.29	B	B
2-4	3.41	2.56	3.07	2.39	3	B
other monitoring ations-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	$2x10^{-11}$ $5x10^{-11}$

ENVIRONMENTAL MONITORING DATA

Time 0830 - 0845

GM Readings

itoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
Mile E-Sector	14.7	11.0	13.2	10.2	14	B
iles ENE+Sector	B	B	B	B	B	B
E-Sector	3.4	2.6	3.1	2.4	3	B
E-Sector	0.25	0.19	0.23	0.18	B	B
ion 2-3	0.4	0.3	0.3	0.2	B	B
2-4	3.4	2.6	3.1	2.4	3	B
iles ENE+Sector	B	B	B	B	B	B
E-Sector	1.7	1.3	1.5	1.2	2	B
E+Sector	B	B	B	B	B	B
iles ENE+Sector	B	B	B	B	B	B
E-Sector	1.1	0.82	0.98	0.76	1	B
E+Sector	B	B	B	B	B	B
ion 4-4	B	B	B	B	B	B
4-5	0.58	0.43	0.52	0.41	B	B
ner monitoring						2×10^{-11}
ons-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 0845 - 0900

GM Readings

itoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
Mile E-Sector	9.28	6.96	8.35	6.49	9	B
E+Sector	14.70	11.03	13.23	10.29	14	B
iles E-Sector	2.01	1.51	1.81	1.41	2	B
E+Sector	3.57	2.68	3.22	2.50	3	B
ion 2-3 Sector	B	B	B	B	B	B
2-4 Sector	0.41	0.31	0.37	0.29	B	B
iles E-Sector	1.32	0.99	1.19	0.93	1	B
E+Sector	0.94	0.70	0.84	0.66	B	B
iles E-Sector	0.71	0.53	0.63	0.49	B	B
E+Sector	0.58	0.43	0.52	0.41	B	B
ion 4-5	0.93	0.69	0.83	0.65	B	B
iles E-Sector	0.49	0.37	0.44	0.34	B	B
E+Sector	0.41	0.31	0.37	0.29	B	B
iles E-Sector	0.36	0.27	0.32	0.25	B	B
E+Sector	0.27	0.20	0.24	0.19	B	B

her monitoring ons-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 0900 - 0915

GM Readings

itoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
iles E-Sector	1.32	0.99	1.19	0.93	1	B
E+Sector	0.94	0.70	0.84	0.66	B	B
iles E-Sector	0.71	0.53	0.63	0.49	B	B
E+Sector	0.58	0.43	0.52	0.41	B	B
ion 4-5	0.93	0.69	0.83	0.65	B	B
iles E-Sector	0.49	0.37	0.44	0.34	B	B
E+Sector	0.41	0.31	0.37	0.29	B	B
iles E-Sector	0.36	0.27	0.32	0.25	B	B
E+Sector	0.27	0.20	0.24	0.19	B	B
ion 6-6	B	B	B	B	B	B
iles E-Sector	0.27	0.20	0.24	0.19	B	B
E+Sector	0.22	0.17	0.20	0.16	B	B
er monitoring ns-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 0915 - 0930

GM Readings

itoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
les E-Sector	0.93	0.67	0.83	0.65	B	B
E+Sector	1.09	0.82	0.98	0.76	1	B
les E-Sector	0.69	0.52	0.62	0.49	B	B
E+Sector	0.79	0.59	0.71	0.56	B	B
on 4-5	0.49	0.37	0.44	0.34	B	B
les E-Sector	0.27	0.20	0.24	0.19	B	B
E+Sector	0.30	0.22	0.27	0.21	B	B
les E-Sector	0.20	0.15	0.18	0.14	B	B
E+Sector	0.22	0.17	0.20	0.16	B	B
on 8-5	0.40	0.30	0.40	0.30	B	B
les E-Sector	0.16	0.13	0.15	0.11	B	B
E+Sector	0.19	0.14	0.17	0.13	B	B
les E-Sector	0.13	0.08	0.11	0.09	B	B
E+Sector	0.15	0.11	0.14	0.11	B	B
r monitoring						2×10^{-11}
s-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 0930 - 0945

GM Readings

Monitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
-6 Miles E+Sector	0.60	0.47	0.56	0.35	B	B
-7 Miles E-Sector	0.23	0.17	0.21	0.17	B	B
E+Sector	0.25	0.20	0.23	0.18	B	B
-8 Miles E-Sector	0.19	0.14	0.17	0.14	B	B
E+Sector	0.21	0.16	0.19	0.15	B	B
ocation 8.5	0.39	0.29	0.35	0.27	B	B
-9 Miles E-Sector	0.14	0.11	0.13	0.11	B	B
E+Sector	0.19	0.14	0.17	0.13	B	B
-10 Miles E-Sector	0.13	0.10	0.12	0.09	B	B
E+Sector	0.15	0.11	0.14	0.11	B	B
ocation 10-6	0.29	0.22	0.26	0.21	B	B
. other monitoring cations-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 0945 - 1000

GM Readings

Monitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
-7 Miles E+Sector	0.25	0.20	0.23	0.18	B	B
-8 Miles E-Sector	0.19	0.14	0.17	0.14	B	B
E+Sector	0.21	0.16	0.19	0.15	B	B
-9 Miles E-Sector	0.14	0.11	0.13	0.11	B	B
E+Sector	0.19	0.14	0.17	0.13	B	B
ocation 8-5	0.39	0.29	0.35	0.27	B	B
-10 Miles E-Sector	0.13	0.10	0.12	0.09	B	B
E+Sector	0.15	0.11	0.14	0.11	B	B
ocation 10-6	0.29	0.22	0.26	0.21	B	B
other monitoring tions-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1000 - 1015

GM Readings

onitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
Miles E+Sector	0.39	0.29	0.35	0.27	B	B
0 Miles E+Sector	0.33	0.25	0.30	0.23	B	B
E-Sector	0.15	0.11	0.14	0.11	B	B
ation 10-6	0.13	0.10	0.12	0.09	B	B

ther monitoring ions-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1030 - 1215

GM Readings

onitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
kground at all locations						
er monitoring ns-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	$2x10^{-11}$ $5x10^{-11}$

ENVIRONMENTAL MONITORING DATA

Time 1215 - 1230

GM Readings

oring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
ile ENE+Sector	10.82	8.12	9.74	7.58	11	8.04×10^{-5}

r monitoring s-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1230 - 1245

GM Readings

toring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
Mile E-Sector	10.82	8.12	9.74	7.58	11	8.04×10^{-5}
er monitoring ns-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1245 - 1300

GM Readings

Monitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (μci/cc)
5-1 Mile ENE+Sector	10.82	8.12	9.74	7.58	11	8.04×10^{-5}
2 Miles ENE-Sector	1.48	1.11	1.33	1.04	2	1.10×10^{-5}
ENE+Sector	4.38	3.28	3.94	3.06	4	3.25×10^{-5}
E-Sector	2.63	1.97	2.37	1.84	3	1.96×10^{-5}
cation 2-3	1.48	1.11	1.33	1.04	1	1.10×10^{-5}
cation 2-4	2.51	1.88	2.26	1.76	2	1.87×10^{-5}
other monitoring ations-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} to 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1300 - 1315

GM Readings

Monitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
.5-1 Mile ENE+Sector	10.8	8.1	9.7	7.6	11	8×10^{-5}
1-2 Miles ENE-Sector	1.50	1.12	1.35	1.06	2	1.1×10^{-5}
ENE+Sector	4.40	3.28	3.95	3.10	4	3.25×10^{-5}
E-Sector	2.60	1.98	2.35	1.82	3	1.96×10^{-5}
ocation 2-3	1.48	1.11	1.33	1.04	2	1.10×10^{-5}
2-4	2.51	1.88	2.26	1.76	2	1.87×10^{-5}
-3 Miles ENE+Sector	0.69	0.52	0.62	0.48	B	5.12×10^{-6}
E-Sector	0.52	0.39	0.47	0.36	B	3.86×10^{-6}
ll other monitoring ocations-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} to 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1315 - 1330

GM Readings

Monitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
5-1 Mile E+Sector	1.10	0.82	0.99	0.77	1	8.24×10^{-6}
ESE-Sector	2.60	1.95	2.34	1.82	3	1.95×10^{-5}
2 Miles E-Sector	1.48	1.11	1.33	1.04	1	1.10×10^{-5}
E+Sector	2.51	1.88	2.26	1.76	3	1.87×10^{-5}
ESE-Sector	1.51	1.15	1.37	1.10	2	1.21×10^{-5}
cation 2-4	B	B	B	B	B	1.67×10^{-7}
3 Miles E-Sector	0.52	0.39	0.47	0.36	B	3.86×10^{-6}
E+Sector	0.98	0.73	0.88	0.68	B	7.26×10^{-6}
4 Miles E-Sector	0.23	0.12	0.18	0.10	B	4.76×10^{-7}
E+Sector	0.80	0.60	0.72	0.56	B	5.97×10^{-6}
cation 4-5	0.58	0.44	0.53	0.41	B	4.34×10^{-6}
other monitoring ations-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} to 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1330 - 1345

GM Readings

Monitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
5-1 Mile E+Sector	1.10	0.82	0.99	0.77	1	8.24×10^{-6}
ESE-Sector	2.60	1.95	2.34	1.82	3	1.95×10^{-5}
2 Miles E+Sector	0.17	0.13	0.15	0.12	B	1.25×10^{-6}
ESE-Sector	0.53	0.40	0.48	0.37	B	3.99×10^{-6}
ESE+Sector	0.40	0.30	0.36	0.28	B	2.99×10^{-6}
3 Miles E+Sector	0.11	0.09	0.10	0.08	B	8.53×10^{-7}
ESE-Sector	1.25	0.94	1.13	0.88	1	9.31×10^{-6}
ESE+Sector	0.69	0.52	0.62	0.48	B	5.12×10^{-6}
4 Miles E+Sector	0.43	0.32	0.38	0.30	B	3.17×10^{-6}
ESE-Sector	0.80	0.60	0.72	0.56	B	5.97×10^{-6}
5 Miles E-Sector	0.04	0.03	0.04	0.03	B	3.19×10^{-7}
E+Sector	0.58	0.44	0.53	0.41	B	4.34×10^{-6}
ESE-Sector	0.30	0.23	0.27	0.21	B	2.26×10^{-6}
cation 4-5	B	B	B	B	B	2.32×10^{-10}
other monitoring ations-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} – 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1345 - 1400

GM Readings

Monitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
.5-1 Mile ESE+Sector	0.06	0.04	0.05	0.04	B	4.28×10^{-7}
SE-Sector	0.17	0.12	0.15	0.12	B	1.24×10^{-6}
SE+Sector	0.39	0.30	0.35	0.28	B	2.93×10^{-6}
SSE-Sector	0.32	0.24	0.29	0.22	B	2.37×10^{-6}
-2 Miles ESE+Sector	B	B	B	B	B	2.98×10^{-7}
SE-Sector	0.17	0.13	0.15	0.12	B	1.25×10^{-6}
SE+Sector	0.53	0.40	0.48	0.37	B	3.99×10^{-6}
SSE-Sector	0.40	0.30	0.36	0.28	B	2.99×10^{-6}
-3 Miles ESE+Sector	0.07	0.05	0.06	0.05	B	5.16×10^{-7}
SE-Sector	0.25	0.19	0.22	0.17	B	1.87×10^{-6}
SE+Sector	0.18	0.14	0.16	0.13	B	1.36×10^{-6}
ocation 2-7	0.35	0.26	0.31	0.24	B	2.60×10^{-6}
ocation 3-5	0.25	0.19	0.23	0.18	B	1.91×10^{-6}
-4 Miles ESE-Sector	0.06	0.05	0.06	0.04	B	4.76×10^{-7}
ESE+Sector	0.43	0.32	0.38	0.30	B	3.17×10^{-6}
SE-Sector	0.80	0.60	0.72	0.56	B	5.97×10^{-6}
-5 Miles E+Secotr	0.04	0.03	0.04	0.03	B	3.19×10^{-7}
ESE-Secotr	0.30	0.23	0.27	0.21	B	2.26×10^{-6}
ESE+Sector	0.58	0.44	0.53	0.41	B	4.34×10^{-6}
SE-Sector	0.30	0.23	0.27	0.21	B	2.26×10^{-6}
-6 Miles ESE-Sector	0.51	0.38	0.46	0.36	B	3.80×10^{-6}
ESE+Sector	0.26	0.20	0.24	0.18	B	1.94×10^{-6}
-7 Miles ESE+Sector	0.16	0.12	0.15	0.11	B	1.22×10^{-6}
ll other monitoring ocations-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1400 - 1415

GM Readings

itoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
Mile S+Sector	0.39	0.30	0.35	0.28	B	2.93×10^{-6}
SSW-Sector	0.32	0.24	0.29	0.22	B	2.37×10^{-6}
les SSE+Sector	0.17	0.13	0.15	0.12	B	1.25×10^{-6}
S-Sector	0.53	0.40	0.48	0.37	B	3.99×10^{-6}
S+Sector	0.40	0.30	0.36	0.28	B	2.99×10^{-6}
les SE+Sector	B	B	B	B	B	1.05×10^{-7}
SSE-Sector	0.07	0.05	0.06	0.05	B	5.16×10^{-7}
SSE+Sector	0.25	0.19	0.22	0.17	B	1.87×10^{-6}
S-Sector	0.18	0.14	0.16	0.13	B	1.36×10^{-6}
les SE+Sector	B	B	B	B	B	2.85×10^{-7}
SSE-Sector	0.11	0.08	0.10	0.08	B	8.10×10^{-7}
SSE+Sector	0.15	0.11	0.14	0.11	B	1.15×10^{-6}
on 4-10	0.11	0.08	0.10	0.08	B	8.10×10^{-7}
4-11	0.15	0.11	0.14	0.11	B	1.15×10^{-6}
les SE-Sector	B	B	B	B	B	1.87×10^{-7}
SE+Sector	0.07	0.06	0.07	0.05	B	5.73×10^{-7}
SSE-Sector	0.11	0.08	0.10	0.07	B	8.04×10^{-7}
SSE+Sector	0.07	0.06	0.07	0.05	B	5.58×10^{-7}
on 5-4	0.11	0.08	0.10	0.07	B	8.04×10^{-7}
les SE-Sector	0.05	0.04	0.04	0.03	B	3.64×10^{-7}
SE+Sector	0.08	0.06	0.07	0.06	B	6.92×10^{-7}
SSE-Sector	0.06	0.05	0.06	0.04	B	4.72×10^{-7}
on 6-7	B	B	B	B	B	1.13×10^{-7}

er monitoring ns-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} – 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1400 - 1415

GM Readings

nitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
Miles ESE+Sector	B	B	B	B	B	1.74×10^{-7}
SE-Sector	0.20	0.15	0.18	0.14	B	1.49×10^{-6}
SE+	0.41	0.31	0.37	0.29	B	3.04×10^{-6}
SSE-Sector	B	B	B	B	B	1.74×10^{-7}
tion 7-3	B	B	B	B	B	1.42×10^{-7}
7-4	B	B	B	B	B	B
Miles ESE+Sector	0.16	0.12	0.15	0.11	B	1.42×10^{-7}
SE-Sector	0.34	0.25	0.30	0.24	B	2.50×10^{-6}
SE+Sector	0.16	0.12	0.15	0.11	B	1.22×10^{-6}
tion 8-7	B	B	B	B	B	1.13×10^{-7}
9-5	B	B	B	B	B	7.45×10^{-8}
Miles SE-Sector	B	B	B	B	B	1.13×10^{-7}

her monitoring tions-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1415 - 1430

GM Readings

ing Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
e S-Sector	0.17	0.12	0.15	0.12	B	1.24×10^{-6}
S+Sector	0.39	0.30	0.35	0.28	B	2.93×10^{-6}
SSW-Sector	0.32	0.24	0.29	0.22	B	2.37×10^{-6}
S-Sector	0.08	0.06	0.07	0.06	B	6.02×10^{-7}
S+Sector	0.06	0.05	0.05	0.04	B	4.50×10^{-7}
S-Sector	B	B	B	B	B	2.82×10^{-7}
S+Sector	B	B	B	B	B	2.05×10^{-7}
SSE+Sector	B	B	B	B	B	2.85×10^{-7}
S-Sector	0.15	0.11	0.14	0.11	B	1.15×10^{-6}
S+Sector	0.11	0.08	0.10	0.08	B	8.10×10^{-7}
4-11	B	B	B	B	B	2.85×10^{-7}
SSE-Sector	B	B	B	B	B	1.87×10^{-7}
SSE+Sector	0.07	0.06	0.07	0.05	B	5.58×10^{-7}
S-Sector	0.11	0.08	0.10	0.07	B	8.04×10^{-7}
5-5	0.13	0.10	0.11	0.09	B	9.51×10^{-7}
SE+Sector	B	B	B	B	B	2.26×10^{-8}
SSE-Sector	0.06	0.05	0.06	0.04	B	4.65×10^{-7}
SSE+Sector	0.09	0.07	0.08	0.06	B	6.92×10^{-7}
S-Sector	0.06	0.05	0.05	0.04	B	4.72×10^{-7}
SE-Sector	B	B	B	B	B	1.65×10^{-8}
SE+Sector	B	B	B	B	B	1.13×10^{-7}
SSE-Sector	0.07	0.05	0.06	0.05	B	5.38×10^{-7}
SSE+Sector	0.07	0.05	0.06	0.05	B	5.38×10^{-7}
S-Sector	0.05	0.04	0.04	0.03	B	3.64×10^{-7}
7-4	0.05	0.04	0.04	0.03	B	3.64×10^{-7}
7-5	B	B	B	B	B	1.65×10^{-8}
monitoring Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} to 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1415 - 1430

GM Readings

itoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
iles SE-Sector	B	B	B	B	B	1.42×10^{-7}
SE+Sector	B	B	B	B	B	2.93×10^{-7}
SSE-Sector	0.06	0.04	0.05	0.04	B	4.35×10^{-7}
SSE+Sectpr	B	B	B	B	B	8.96×10^{-8}
iles SE-Sector	0.14	0.10	0.12	0.10	B	1.02×10^{-6}
SE+Sector	0.28	0.21	0.26	0.20	B	2.12×10^{-6}
SSE-Sector	B	B	B	B	B	1.13×10^{-7}
ion 9-5	B	B	B	B	B	7.45×10^{-8}
9-6	0.25	0.18	0.22	0.17	B	1.83×10^{-6}
iiles SE+Sector	0.11	0.08	0.10	0.08	B	8.22×10^{-7}
SSE-Sector	B	B	B	B	B	1.42×10^{-9}

:er monitoring ons-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1430 - 1445

GM Readings

itoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
Mile S+Sector	0.39	0.30	0.35	0.28	B	2.93×10^{-6}
SSW-Sector	0.32	0.24	0.29	0.22	B	2.37×10^{-6}
iles S+Sector	0.08	0.06	0.07	0.06	B	6.02×10^{-7}
SSW-Sector	0.06	0.05	0.05	0.04	B	4.50×10^{-7}
iles S-Sector	B	B	B	B	B	2.05×10^{-7}
S+Sector	B	B	B	B	B	2.82×10^{-7}
SSW-Sector	B	B	B	B	B	7.77×10^{-8}
iles S-Sector	B	B	B	B	B	1.22×10^{-7}
S+Sector	B	B	B	B	B	1.22×10^{-7}
iles S-Sector	B	B	B	B	B	8.41×10^{-8}
S+Sector	B	B	B	B	B	2.82×10^{-8}
ion 5-5	B	B	B	B	B	4.69×10^{-10}
iles SSE+Sector	B	B	B	B	B	2.26×10^{-8}
S-Sector	B	B	B	B	B	1.50×10^{-7}
S+Sector	0.06	0.05	0.06	0.04	B	4.72×10^{-7}
iles SSE+Sector	0.05	0.04	0.04	0.03	B	3.64×10^{-7}
S-Sector	0.07	0.05	0.06	0.05	B	5.38×10^{-7}
S+Sector	B	B	B	B	B	1.13×10^{-7}
ion 7-5	B	B	B	B	B	2.93×10^{-7}
iles SSE-Sector	B	B	B	B	B	8.96×10^{-8}
SSE+Sector	B	B	B	B	B	2.93×10^{-7}
S-Sector	B	B	B	B	B	4.35×10^{-7}
ion 8-8	0.14	0.10	0.12	0.10	B	1.02×10^{-6}
8-9	0.28	0.21	0.26	0.20	B	2.12×10^{-6}
9-6	B	B	B	B	B	8.4×10^{-11}
iles SE+Sector	B	B	B	B	B	-B
SSE-Sector	0.11	0.08	0.10	0.08	B	8.22×10^{-7}
SSE+Sector	0.25	0.18	0.22	0.17	B	1.83×10^{-6}
S-Sector	B	B	B	B	B	1.42×10^{-9}
ıer monitoring						2×10^{-11}
ons-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1430 - 1445

GM Readings

Monitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
-10 Miles SE+Sector	B	B	B	B	B	1.18×10^{-9}
SSE-Sector	0.22	0.16	0.19	0.15	B	1.60×10^{-6}
SSE+Sector	0.10	0.07	0.09	0.07	B	7.16×10^{-7}
S-Sector	B	B	B	B	B	6.38×10^{-8}
ocation 10-9	B	B	B	B	B	1.18×10^{-10}
10-10	B	B	B	B	B	6.38×10^{-8}
10-11	B	B	B	B	B	1.18×10^{-9}
l other monitoring ocations-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} - 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1445 - 1500

GM Readings

Monitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
1-10 Miles SSE-Sector	B	B	B	L	B	4.92×10^{-8}
SSE+Sector	B	B	B	B	B	1.95×10^{-7}
S-Sector	0.04	0.03	0.04	0.03	B	3.08×10^{-7}
Location 10-9	B	B	B	B	B	7.34×10^{-11}
10-10	B	B	B	B	B	2.58×10^{-10}
10-11	B	B	B	B	B	2.66×10^{-7}
10-12	B	B	B	B	B	4.59×10^{-8}
All other monitoring locations-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} – 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1445 - 1500

GM Readings

toring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
ile S-Sector	0.32	0.24	0.29	0.22	B	2.37×10^{-6}
S+Sector	0.39	0.30	0.35	0.28	B	2.93×10^{-6}
les S-Sector	0.06	0.05	0.05	0.04	B	4.50×10^{-7}
S+Sector	0.08	0.06	0.07	0.06	B	6.02×10^{-7}
SSW-Sector	0.06	0.05	0.05	0.04	B	4.50×10^{-7}
les S-Sector	B	B	B	B	B	2.05×10^{-7}
S+Sector	B	B	B	B	B	2.82×10^{-7}
SSW-Sector	B	B	B	B	B	7.77×10^{-8}
les S-Sector	B	B	B	B	B	1.22×10^{-7}
S+Sector	B	B	B	B	B	1.73×10^{-7}
les S-Sector	B	B	B	B	B	8.41×10^{-8}
S+Sector	B	B	B	B	B	1.21×10^{-7}
les S-Sector	B	B	B	B	B	7.11×10^{-8}
S+Sector	B	B	B	B	B	1.04×10^{-7}
les S-Sector	B	B	B	B	B	5.49×10^{-8}
S+Sector	B	B	B	B	B	8.10×10^{-8}
les SSE+Sector	B	B	B	B	B	1.27×10^{-8}
S-Sector	0.06	0.04	0.05	0.04	B	4.35×10^{-7}
S+Sector	0.06	0.04	0.05	0.04	B	4.35×10^{-7}
on 8-8	B	B	B	B	B	6.04×10^{-10}
8-9	B	B	B	B	B	7.17×10^{-8}
8-10	B	B	B	B	B	2.41×10^{-7}
les SSE+Sector	B	B	B	B	B	2.41×10^{-7}
S-Sector	0.05	0.04	0.04	0.03	B	3.61×10^{-7}
S+Sector	B	B	B	B	B	7.17×10^{-8}

r monitoring						
ns-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} – 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1500 - 1515

CM Readings
GM Readings

oring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
ile S+Sector	0.32	0.24	0.29	0.22	B	2.37×10^{-6}
SSW-Sector	0.17	0.12	0.15	0.12	B	1.24×10^{-6}
es S+Sector	0.06	0.05	0.05	0.04	B	4.50×10^{-7}
SSW-Sector	B	B	B	B	B	1.89×10^{-7}
es S-Sector	B	B	B	B	B	2.05×10^{-7}
S+Sector	B	B	B	B	B	2.82×10^{-7}
SSW-Sector	B	B	B	B	B	2.05×10^{-7}
es S-Sector	B	B	B	B	B	1.22×10^{-7}
S+Sector	B	B	B	B	B	1.73×10^{-7}
SSW-Sector	B	B	B	B	B	1.22×10^{-7}
es S-Sector	B	B	B	B	B	8.41×10^{-8}
S+Sector	B	B	B	B	B	1.21×10^{-7}
SSW-Sector	B	B	B	B	B	8.41×10^{-8}
es S-Sector	B	B	B	B	B	7.11×10^{-8}
S+Sector	B	B	B	B	B	1.04×10^{-7}
SSW-Sector	B	B	B	B	B	7.11×10^{-8}
es S-Sector	B	B	B	B	B	5.49×10^{-8}
S+Sector	B	B	B	B	B	8.10×10^{-8}
SSW-Sector	B	B	B	B	B	5.49×10^{-8}
es S-Sector	B	B	B	B	B	4.41×10^{-8}
S+Sector	B	B	B	B	B	6.55×10^{-8}
SSW-Sector	B	B	B	B	B	1.35×10^{-8}
1 7-6	B	B	B	B	B	1.71×10^{-8}
8-9	B	B	B	B	B	5.95×10^{-8}
8-10	B	B	B	B	B	1.28×10^{-10}
8-11	B	B	B	B	B	9.10×10^{-11}
r monitoring s-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} – 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1500 - 1515

GM Readings

nitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
Miles S-Sector	B	B	B	B	B	3.63×10^{-8}
S+Sector	B	B	B	B	B	3.63×10^{-8}
) Miles S-Sector	B	B	B	B	B	2.93×10^{-8}
S+Sector	B	B	B	B	B	2.93×10^{-8}
tion 10-2	B	B	B	B	B	B
10-11	B	B	B	B	B	6.92×10^{-9}
ther monitoring ions-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1515 - 1715

GM Readings

itoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
iles S-Sector						7.67×10^{-10}
S+Sector						4.63×10^{-8}
SSW-Sector						7.67×10^{-10}
Miles S-Sector		Background				6.92×10^{-9}
S+Sector						4×10^{-8}
SSW-Sector						6.92×10^{-9}
tion 10-12						7.87×10^{-10}
ther monitoring ions-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1515 - 1715

GM Readings

nitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
1-Mile S-Sector	B	B	B	B	B	1.24×10^{-6}
S+Sector	0.39	0.30	0.35	0.28	B	2.93×10^{-6}
SSW-Sector	B	B	B	B	B	1.24×10^{-6}
Miles S-Sector	B	B	B	B	B	4.48×10^{-8}
S+Sector	0.15	0.11	0.13	0.10	B	6.02×10^{-7}
SSW-Sector	B	B	B	B	B	4.48×10^{-8}
Miles S-Sector	B	B	B	B	B	1.57×10^{-8}
S+Sector	0.08	0.06	0.07	0.06	B	2.82×10^{-7}
SSW-Sector	B	B	B	B	B	1.57×10^{-8}
Miles S-Sector	B	B	B	B	B	4.29×10^{-8}
S+Sector	B	B	B	B	B	1.73×10^{-7}
SSW-Sector	B	B	B	B	B	4.29×10^{-7}
Miles S-Sector	B	B	B	B	B	4.65×10^{-9}
S+Sector	B	B	B	B	B	1.21×10^{-7}
SSW-Sector	B	B	B	B	B	4.65×10^{-9}
Miles S-Sector	B	B	B	B	B	2.26×10^{-8}
S+Sector	B	B	B	B	B	1.04×10^{-7}
SSW-Sector	B	B	B	B	B	2.26×10^{-8}
Miles S-Sector	B	B	B	B	B	2.48×10^{-9}
S+Sector	B	B	B	B	B	8.10×10^{-8}
SSW-Sector	B	B	B	B	B	2.48×10^{-9}
tion 7-6	B	B	B	B	B	1.35×10^{-8}
Miles S-Sector	B	B	B	B	B	1.91×10^{-9}
S+Sector	B	B	B	B	B	6.55×10^{-8}
SSW-Sector	B	B	B	B	B	1.91×10^{-9}
other monitoring tions-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} - 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1715 - 1800

GM Readings

onitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
-1 Mile S+Sector	0.32	0.24	0.29	0.22	B	2.37×10^{-6}
Miles S-Sector	0.15	0.11	0.13	0.10	B	1.10×10^{-6}
S+Sector	0.11	0.08	0.10	0.08	B	8.29×10^{-7}
Miles S-Sector	0.08	0.06	0.07	0.04	B	4.50×10^{-7}
S+Sector	0.06	0.05	0.05	B	B	1.89×10^{-7}
Miles S-Sector	B	B	B	B	B	2.16×10^{-7}
S+Sector	B	B	B	B	B	1.55×10^{-7}
Miles S-Sector	B	B	B	B	B	1.43×10^{-7}
S+Sector	B	B	B	B	B	9.97×10^{-8}
ation 5-5	B	B	B	B	B	5.61×10^{-9}
Miles S-Sector	B	B	B	B	B	1.04×10^{-7}
S+Sector	B	B	B	B	B	7.11×10^{-8}
Miles S-Sector	B	B	B	B	B	8.10×10^{-8}
S+Sector	B	B	B	B	B	5.49×10^{-8}
Miles S-Sector	B	B	B	B	B	6.55×10^{-8}
S+Sector	B	B	B	B	B	4.41×10^{-8}
ation 8-9	B	B	B	B	B	9.10×10^{-11}
8-10	B	B	B	B	B	1.46×10^{-9}
Miles S-Sector	B	B	B	B	B	5.44×10^{-8}
S+Sector	B	B	B	B	B	3.43×10^{-8}
ation 10-11	B	B	B	B	B	B
10-12	B	B	B	B	B	6.92×10^{-9}
0 Miles S-Sector	B	B	B	B	B	4×10^{-8}
S+Sector	B	B	B	B	B	2.58×10^{-8}

other monitoring tions-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1800 - 1815

GM Readings

onitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (μci/cc)
¼ Miles SSE+Sector						1.73×10^{-7}
S-Sector						1.22×10^{-7}
cation 4-11						4.29×10^{-8}
½ Miles SSE+Sector						1.21×10^{-7}
S-Sector						8.41×10^{-8}
ation 5-5						9.13×10^{-8}
Miles SSE+Sector						1.04×10^{-7}
S-Sector						7.11×10^{-8}
¾ Miles SSE+Sector			Background			8.10×10^{-8}
S-Sector						5.49×10^{-8}
ation 7-5						8.10×10^{-8}
1 Miles SSE+Sector						6.55×10^{-8}
S-Sector						4.41×10^{-8}
ation 8-8						1.91×10^{-9}
8-9						6.55×10^{-8}
Miles SSE+Sector						5.44×10^{-8}
S-Sector						3.63×10^{-8}
0 Miles SSE+Sector						2.93×10^{-8}
S-Sector						4.63×10^{-8}
ation 10-11						4.00×10^{-8}
10-12						7.87×10^{-10}
other monitoring tions-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	$2x10^{-11}$ $5x10^{-11}$

ENVIRONMENTAL MONITORING DATA

Time 1815 - 1830

GM Readings

onitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (μci/cc)
Miles SSE-Sector						
ation 5-4						1.21×10^{-7}
Miles SSE-Sector						1.21×10^{-7}
SSE+Sector						7.11×10^{-8}
Miles SSE-Sector						8.01×10^{-8}
SSE+Sector						5.49×10^{-8}
tion 7-4						8.10×10^{-8}
7-5			Background			1.71×10^{-8}
Miles SSE-Sector						2.48×10^{-9}
SSE+Sector						4.41×10^{-8}
S-Sector						6.55×10^{-8}
tion 8-8						1.91×10^{-9}
8-9						3.63×10^{-8}
Miles SSE-Sector						1.08×10^{-8}
SSE+Sector						2.93×10^{-8}
S-Sector						4.63×10^{-8}
0 Miles SSE+Sector						7.41×10^{-9}
S-Sector						4×10^{-8}
tion 10-11						2.58×10^{-8}
						6.92×10^{-9}
other monitoring ions-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1830 - 1845

GM Readings

nitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
Miles SSE-Sector						8.10×10^{-8}
SSE+Sector						5.49×10^{-8}
SE+Sector						1.71×10^{-8}
tion 7-4						1.71×10^{-8}
Miles SSE-Sector						6.55×10^{-8}
SSE+Sector						1.35×10^{-8}
Miles SSE-Sector		Background				5.44×10^{-8}
SSE+Sector						1.08×10^{-8}
tion 8-8						3.63×10^{-8}
Miles SSE-Sector						4.63×10^{-8}
SSE+Sector						2.93×10^{-8}
tion 10-11						7.87×10^{-10}
other monitoring tions-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} to 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time 1845 - 1900

GM Readings

onitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc)
Miles SSE-Sector						6.55×10^{-8}
Miles SSE-Sector						5.44×10^{-8}
SSE+Sector						3.63×10^{-8}
ation 8-8		Background				1.46×10^{-9}
0 Miles SSE-Sector						4.63×10^{-8}
SSE+Sector						4.00×10^{-8}
ation 10-10						7.87×10^{-10}
other monitoring tions-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	2×10^{-11} 5×10^{-11}

ENVIRONMENTAL MONITORING DATA

Time after 1900

GM Readings

nitoring Location	1-Meter		4-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (μci/cc)
All locations within 10 miles read background						
.her monitoring ions-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	$2x10^{-11}$ $5x10^{-11}$

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T=30 min Unit 1

Lower Containment sample valve status Open ____ Closed ____
Upper Containment sample valve status Open ____ Closed ____

1.	Lower Containment Particulate, RM-90-106A, cpm	NORMAL
2.	Lower Containment Total Gas, RM-90-106B, cpm	
3.	Lower Containment Iodine, RM-90-106C, cpm	
4.	Upper Containment Particulate, RM-90-112, cpm	
5.	Upper Containment Total Gas, RM-90-112B, cpm	
6.	Upper Containment Iodine, RM-90-112C, cpm	
7.	Shield Building Vent Particulate, RM-90-100A, cpm	↑ INCREASING
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	OFFSCALE – HIGH
9.	Shield Building Vent Iodine, RM-90-100C, cpm	↑ INCREASING
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	NORMAL
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	
13.	Steam Generator Blowdown, RM-90-120A, cpm	
14.	Steam Generator Blowdown, RM-90-121A, cpm	
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	
17.	ERCW Discharge Header A, RM-90-133A, cpm	
18.	ERCW Discharge Header A, RM-90-140A, cpm	
19.	ERCW Discharge Header B, RM-90-134A, cpm	
20.	ERCW Discharge Header B, RM-90-141A, cpm	

Remarks:

1. O-RM-90-118 = OFFSCALE – HIGH

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 30 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	NORMAL
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	NORMAL
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	NORMAL
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	NORMAL
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	71.4
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	60
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	NORMAL
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	NORMAL
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	NORMAL
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	NORMAL
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	

Remarks:

1. EBERLINE 90-401 = 630 CPM
90-402 = 51,200 CPM
90-403 = OFFSCALE-HIGH

Data by: _____/_____

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 20 min. Unit 1

Lower Containment sample valve status Open ____ Closed ____
Upper Containment sample valve status Open ____ Closed ____

1.	Lower Containment Particulate, RM-90-106A, cpm	NORMAL
2.	Lower Containment Total Gas, RM-90-106B, cpm	
3.	Lower Containment Iodine, RM-90-106C, cpm	
4.	Upper Containment Particulate, RM-90-112, cpm	
5.	Upper Containment Total Gas, RM-90-112B, cpm	
6.	Upper Containment Iodine, RM-90-112C, cpm	
7.	Shield Building Vent Particulate, RM-90-100A, cpm	↑ INCREASING
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	OFFSCALE - HIGH
9.	Shield Building Vent Iodine, RM-90-100C, cpm	↑ INCREASING
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	NORMAL
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	
13.	Steam Generator Blowdown, RM-90-120A, cpm	
14.	Steam Generator Blowdown, RM-90-121A, cpm	
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	
17.	ERCW Discharge Header A, RM-90-133A, cpm	
18.	ERCW Discharge Header A, RM-90-140A, cpm	
19.	ERCW Discharge Header B, RM-90-134A, cpm	
20.	ERCW Discharge Header B, RM-90-141A, cpm	

Remarks:

1. O-RM-90-118 = OFFSCALE - HIGH

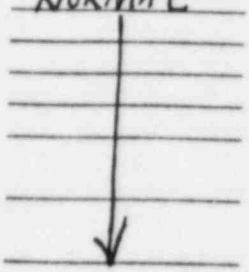
Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 20 min Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	NORMAL
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	NORMAL
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	NORMAL
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	NORMAL
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	71.4
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	60
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	NORMAL
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	NORMAL
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	NORMAL
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	NORMAL
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	



Remarks:

1. EBERLINE 90-401 = 630 CPM
90-402 = 51,200 CPM
90-403 = OFFSCALE-HIGH

Data by: _____/_____

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 7 min. Unit 1

Lower Containment sample valve status Open ____ Closed ____
Upper Containment sample valve status Open ____ Closed ____

1.	Lower Containment Particulate, RM-90-106A, cpm	NORMAL
2.	Lower Containment Total Gas, RM-90-106B, cpm	
3.	Lower Containment Iodine, RM-90-106C, cpm	
4.	Upper Containment Particulate, RM-90-112, cpm	
5.	Upper Containment Total Gas, RM-90-112B, cpm	
6.	Upper Containment Iodine, RM-90-112C, cpm	
7.	Shield Building Vent Particulate, RM-90-100A, cpm	↑ INCREASING
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	OFFSCALE - HIGH
9.	Shield Building Vent Iodine, RM-90-100C, cpm	↑ INCREASING
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	NORMAL
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	
13.	Steam Generator Blowdown, RM-90-120A, cpm	
14.	Steam Generator Blowdown, RM-90-121A, cpm	
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	
17.	ERCW Discharge Header A, RM-90-133A, cpm	
18.	ERCW Discharge Header A, RM-90-140A, cpm	
19.	ERCW Discharge Header B, RM-90-134A, cpm	
20.	ERCW Discharge Header B, RM-90-141A, cpm	

Remarks:

1. O-RM-90-118 = OFFSCALE - HIGH

Data By: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T= 7min. Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	NORMAL
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	NORMAL
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	NORMAL
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	NORMAL
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	71.4
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	60
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	NORMAL
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	NORMAL
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	NORMAL
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	NORMAL
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	

Remarks:

1. EBERLINE 90-401 = 630 CPM
90-402 = 51,200 CPM
90-403 = OFFSCALE-HIGH

Data by: _____/_____

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T=0 Unit 1

1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	NORMAL
2.	Upper Containment High Range (top of SG #1 and #4 enclosure), Elev. 785, RM-90-272, R/hr	NORMAL
3.	Lower Containment High Range (inside polar crane wall, between SG's #2 and #3), Elev. 715, RM-90-273, R/hr	NORMAL
4.	Lower Containment High Range (inside polar crane wall, between SG's #1 and #4), elev. 715, RM-90-274, R/hr	NORMAL
5.	Shield Building Vent Low Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	71.4
6.	Shield Building Vent High Range (below CCS C-S pump transfer switch, 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	60
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	NORMAL
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	NORMAL
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	NORMAL
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	NORMAL
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	
12.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	

Remarks:

1. EBERLINE 90-401 = 630 CPM
90-402 = 51,200 CPM
90-403 = OFFSCALE-HIGH

Data by: _____/_____

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Date 2/6/85 Time T=0 Unit 1

Lower Containment sample valve status Open _____ Closed _____
Upper Containment sample valve status Open _____ Closed _____

1.	Lower Containment Particulate, RM-90-106A, cpm	NORMAL
2.	Lower Containment Total Gas, RM-90-106B, cpm	↓
3.	Lower Containment Iodine, RM-90-106C, cpm	↓
4.	Upper Containment Particulate, RM-90-112, cpm	↓
5.	Upper Containment Total Gas, RM-90-112B, cpm	↓
6.	Upper Containment Iodine, RM-90-112C, cpm	↓
7.	Shield Building Vent Particulate, RM-90-100A, cpm	↑ INCREASING
8.	Shield Building Vent Total Gas, RM-90-110B, cpm	OFFSCALE - HIGH
9.	Shield Building Vent Iodine, RM-90-100C, cpm	↑ INCREASING
10.	Auxiliary Building Vent Particulate, RM-90-101A, cpm	NORMAL
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	↓
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	↓
13.	Steam Generator Blowdown, RM-90-120A, cpm	↓
14.	Steam Generator Blowdown, RM-90-121A, cpm	↓
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	↓
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	↓
17.	ERCW Discharge Header A, RM-90-133A, cpm	↓
18.	ERCW Discharge Header A, RM-90-140A, cpm	↓
19.	ERCW Discharge Header B, RM-90-134A, cpm	↓
20.	ERCW Discharge Header B, RM-90-141A, cpm	↓

Remarks:

1. O-RM-90-118 = OFFSCALE - HIGH

Data By: _____/_____

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Maintenance Team at RWST

Date: February 6, 1985

Time: T = 6 Hours, 30 Minutes

Message: THIS IS A DRILL.

Diesel pump has been aligned to allow water to be pumped into RWST. Water can be pumped into the RWST up to the level of the rupture.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Maintenance Team at #3 Loop MSIV

Date: February 6, 1985

Time: T = 8 Hours, 30 Minutes

Message: THIS IS A DRILL.

Still working to unjam MSIV on #3 loop. Efforts have not met with any success.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Chemistry Controller

Date: February 6, 1985

Time: T = 3 Hours, 30 Minutes

Message: THIS IS A DRILL.

Results of chemical samples analysis indicate approximately 1% clad failure.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time: T = 5 Hours, 35 Minutes

Message: THIS IS A DRILL.

Operators still injecting approximately 200 gpm into reactor core through the charging pumps. Primary water storage tank level now at 29 ft. (95%).

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Site Emergency Director/Shift Engineer

Date: February 6, 1985

Time: T = 4 Hours, 55 Minutes

Message: THIS IS A DRILL.

The makeup water source to the reactor core is from the primary water storage tank via the blender to the VCT and charging pump suction.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time: 4 Hours, 22 Minutes

Message: THIS IS A DRILL.

HP should be dispatched to take radiation readings in the area of the MSL break.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time: T = 4 Hours, 20 Minutes

Message: THIS IS A DRILL.

Operators have verified that the steam flow is indeed coming from the faulted No. 3 MSL.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time: T = 4 Hours, 10 Minutes

Message: THIS IS A DRILL.

A rapid drop in pressurizer level and reactor coolant system pressure occurs. Operators cannot maintain level in the pressurizer. All operating RCPs are tripped by operators.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time: T = 2 Hours, 35 Minutes

Message: THIS IS A DRILL.

Operators trip and lockout all pumps taking suction from the RWST, isolate the Boron Injection Tank and align charging pump suction back to the volume control tank.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time: T = 2 Hours, 30 Minutes

Message: THIS IS A DRILL.

RWST level now at 40%, still decreasing. Operators now have safety injection termination criteria.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time: T = 2 Hours, 10 Minutes

Message: THIS IS A DRILL.

Operators now notice that the RWST level has decreased much more than expected and is still decreasing.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time: T = 2 Hours, 3 Minutes

Message: THIS IS A DRILL.

Terminate auxiliary feedwater to the faulted 3 steam generator. All remaining steam generators are intact and operable.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time: T = 2 Hours, 1 Minute

Message: THIS IS A DRILL.

Operators notice that the MSIV valve on loop 3 did not close completely. Both the red and green status lights are illuminated.

All other Engineered Safety Features equipment operates as expected.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time:

T = 7 Minutes

Message: THIS IS A DRILL.

"High Radiation Alarm" received from 1-RM-90-100. Both 0-RM-90-118 and 1-RM-90-100 are pegged offscale high.

1-RM-90-260 reads 71.4 mR/hr.

1-RM-90-261 reads 60 mR/hr.

SEQUOYAH NUCLEAR PLANT
1985 REP EXERCISE

Message For: Shift Engineer

Date: February 6, 1985

Time: T = 0

Message: THIS IS A DRILL.

This is the beginning of the exercise Sequence of Events.

"High Radiation Alarm" received from 0-RM-90-118. Monitor is moving up scale.