SEQUOYAH NUCLEAR PLANT RADIOLOGICAL EMERGENCY EXERCISE SCENARIO FEBRUARY 1985

Principally Prepared By:

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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.
- 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 limite' 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 = (-) Initial Conditions for SNP Units 1 & 2

15 min.

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 = 7 min. 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. The shift engineer declares an ALERT condition based on 0808 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. Auxiliary feedwater to the faulted #3 steam generator
3 min. terminated. All remaining steam generators are intact
1003 and operable.

T = 2 hrs. Operators receive an alarm on the Refueling Water

5 min. Storage Tank (RWST) level. They relate this alarm to

1005 the Emergency Core Cooling System (ECCS) equipment

starting and continue following emergency

instruction.

T = 2 hrs. Operators now notice that the RWST level has decreased 10 min. 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. Site Emergency Director upgrades the event to <u>SITE</u>

15 min. <u>AREA EMERGENCY</u> from an alert based on abnormal plant

1015 conditions and also due to severe damage to safe shutdown equipment from loss of RWST volume.

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

1015

1010

T = 2 hrs. Health Physics dispatches an environmental monitoring 20 min. team to take onsite measurements.

T = 2 hrs. RWST level now at 40%, still decreasing. Operators now 30 min. have safety injection termination criteria.

T = 2 hrs. Operators trip and lock out all pumps taking suction
35 min. from the RWST, isolate the Boron Injection Tank (BIT)
1035 and align charging pump suction back to the Volume
Control Tank (VCT).

T = 2 hrs. Operators begin a <u>controlled</u> cool down and
45 min. depressurization of the reactor coolant system to get
1045 on RHR cooling.

RHR pressure at 1895 psig RCS Tavg at 490°F

T = 3 hr. Chemical samples analysis indicate approximately
30 min. 1 percent clad failure.
1130

T = 4 hrs. A rapid drop in pressurizer level and reactor coolant
10 min. system pressure occurs. Operators cannot maintain
1210 level in the pressurizer. All operating RCP's are
tripped by operators.

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

T = 4 hrs.

Based on loss of pressurizer level and decreasing RCS

15 min.

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. The makeup water source to the reactor core is from

55 min. the primary water storage tank via the blender to the

1255 VCT and charging pump suction.

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

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

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

1435

T = 7 hrs. Wind shifts from east south east to south.

15 min.

1515

T = 7 hrs. Diesel aligned to allow water to be pumped into RWST

30 min. (can fill up to height of hole).

1530

T = 9 hrs. Maintenance still working on 3 MSIV with little

30 min. success. Radiation levels in area of MSIV are

and the died of histy are

1730 extremely high.

T = 10 hrs. Loop 3 MSIV closed completely. Radiation release

1815 terminated.

T = 11 hrs. SQN terminates onsite activities.

T = 12 hrs. 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.

O-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 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 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:

Di	stance	D (Total	Body)	D (Chi	ild Thyroid)
5	mile miles miles miles	4.4 mre 2.5 mre 0.5 mre 0.1 mre	m/hr m/hr	20 15	rem/hr rem/hr rem/hr 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

_	
_	
miri	any players make suggestions which would have significantly gated the emergency but which you had to disallow to keep the ario on track?
Did	any changes have to made to the scenario during the exercise?
Comm	ents:

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	Е	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).

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.

Message For:

Shift Engineer

Date:

Feb uary 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.

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.

Message For: Control

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.

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.

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.

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 0-RM-90-118 flow path. If this action is not in process you should instruct the shift engineer to initiate it.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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. .

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.

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.

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.

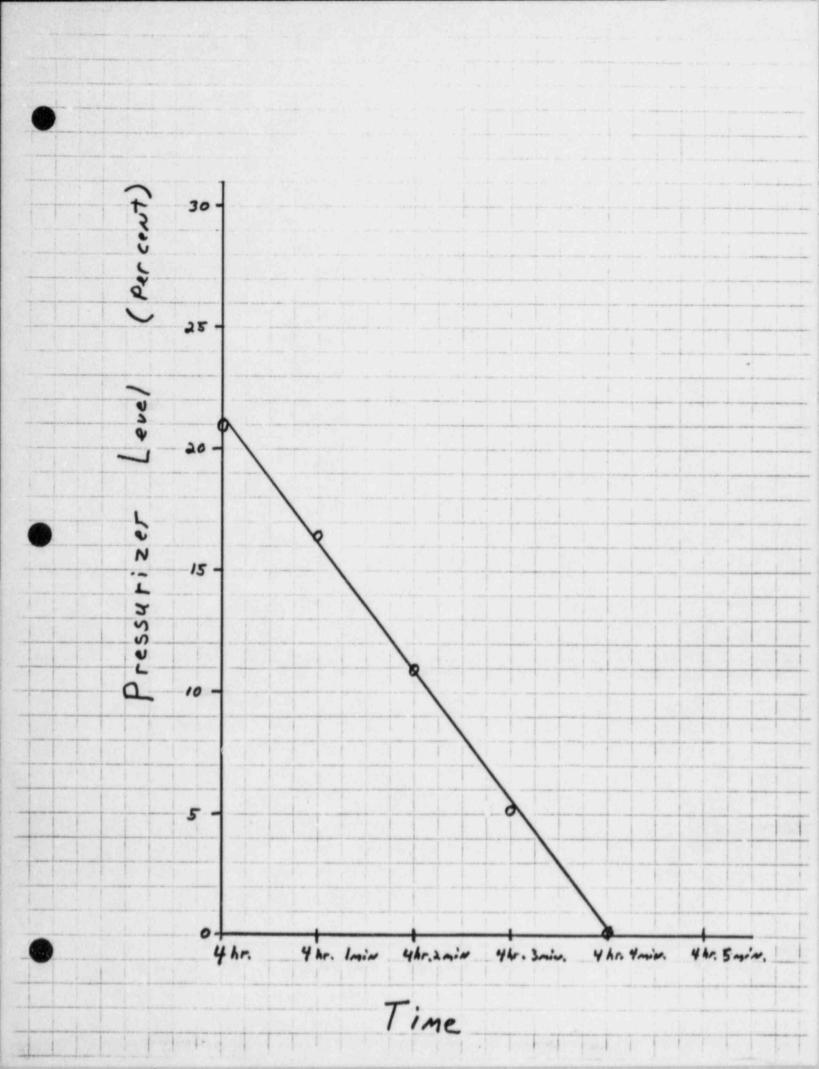
Shift Engineer Message For:

Date: February 6, 1985

T = 4 Hours, 10 Minutes Time:

Message: THIS IS A DRILL.

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



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.

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

Message For: Control Room Controller

Date: February 6, 1985

Time: 4 Hours, 22 Minutes

THIS IS A DRILL. Message:

HP should be dispatched to take radiation readings in the .

area of the MSL break.

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.

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.

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.

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%).

Message For: Site Emergency Director

Date: February 6, 1985

Time: T = 11 Hours

Message: THIS IS A DRILL.

Terminate onsite exercise activities.

Message For: CECC Director

Date:

February 6, 1985

Time:

2000 Hours

Message:

THIS IS A DRILL.

Terminate 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.

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.

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.

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.

Message For:

Public Safety Officer

Date:

February 6, 1985

Time:

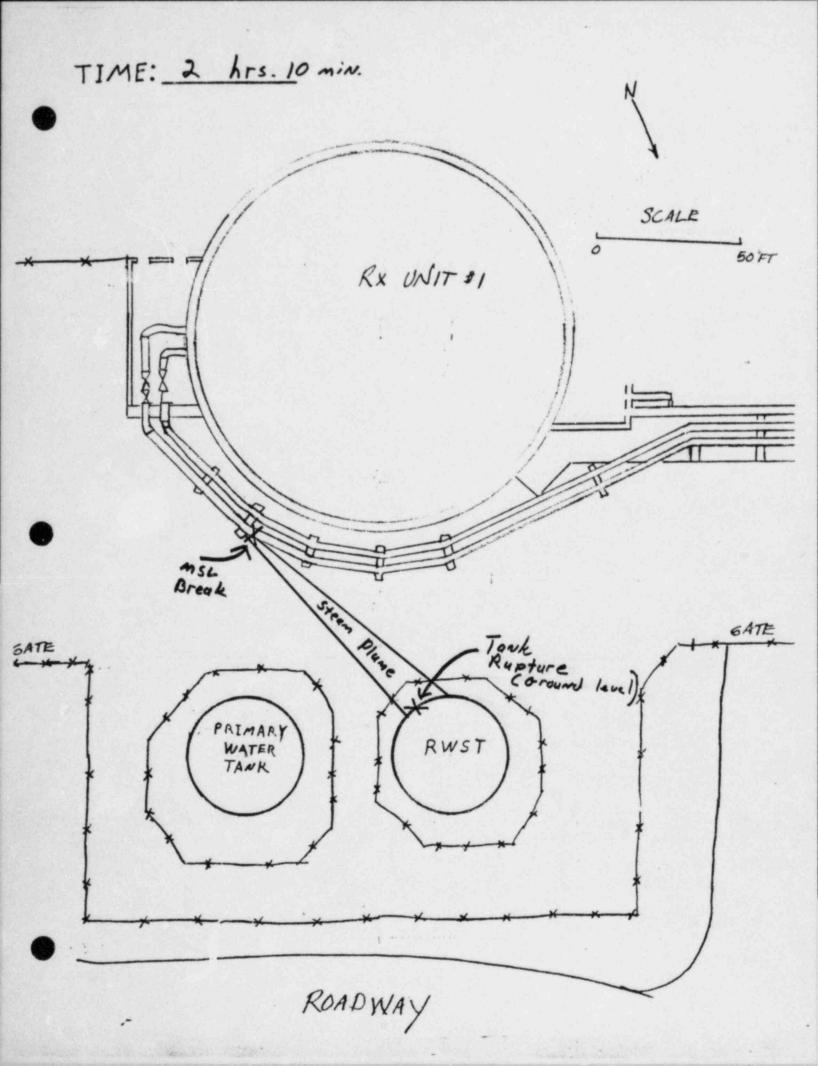
T = 2 Hours, 10 Minutes

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.



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.

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. SCALE 50 FT RX UNIT #1 MSL Break 6ATE Touk Rupture Coround lavel) PRIMARY WATER TANK RWST ROADWAY

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.

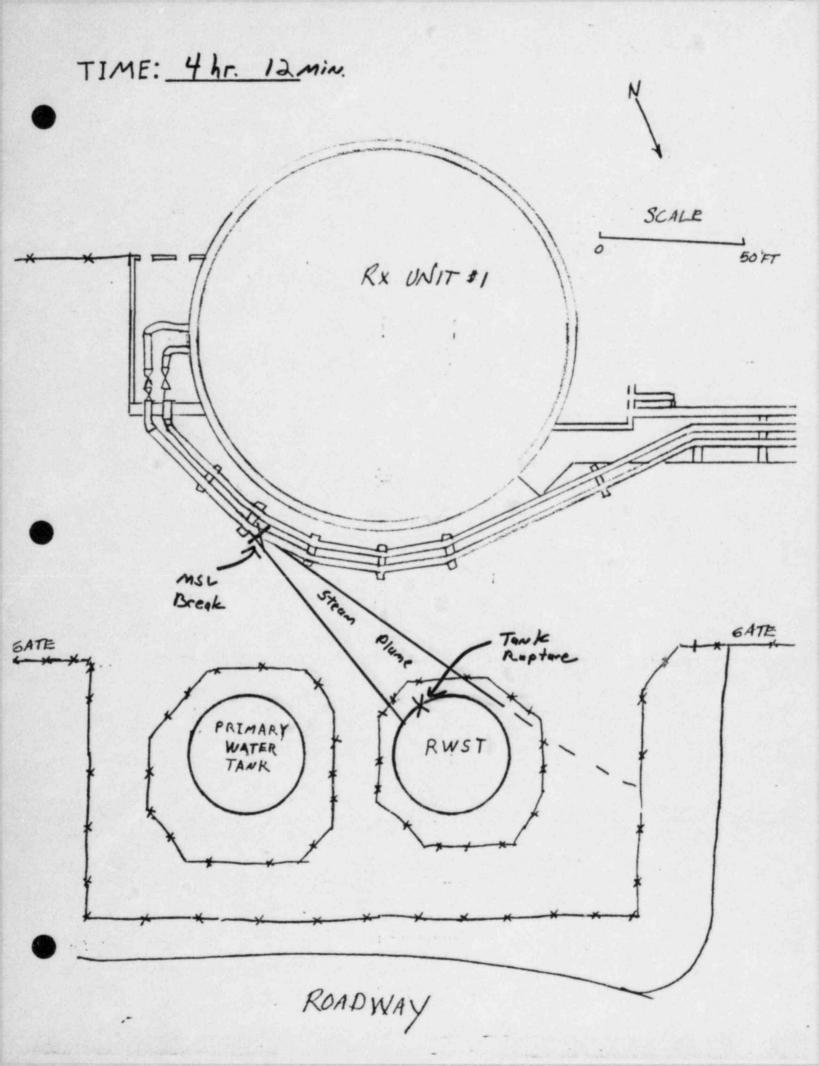
Message For: Maintenance Team in Area of RWST/Public Safety

Date: February 6, 1985

Time: T = 4 Hours, 12 Minutes

Message: THIS IS A DRILL.

Steam has again started blowing from the faulted MSL.



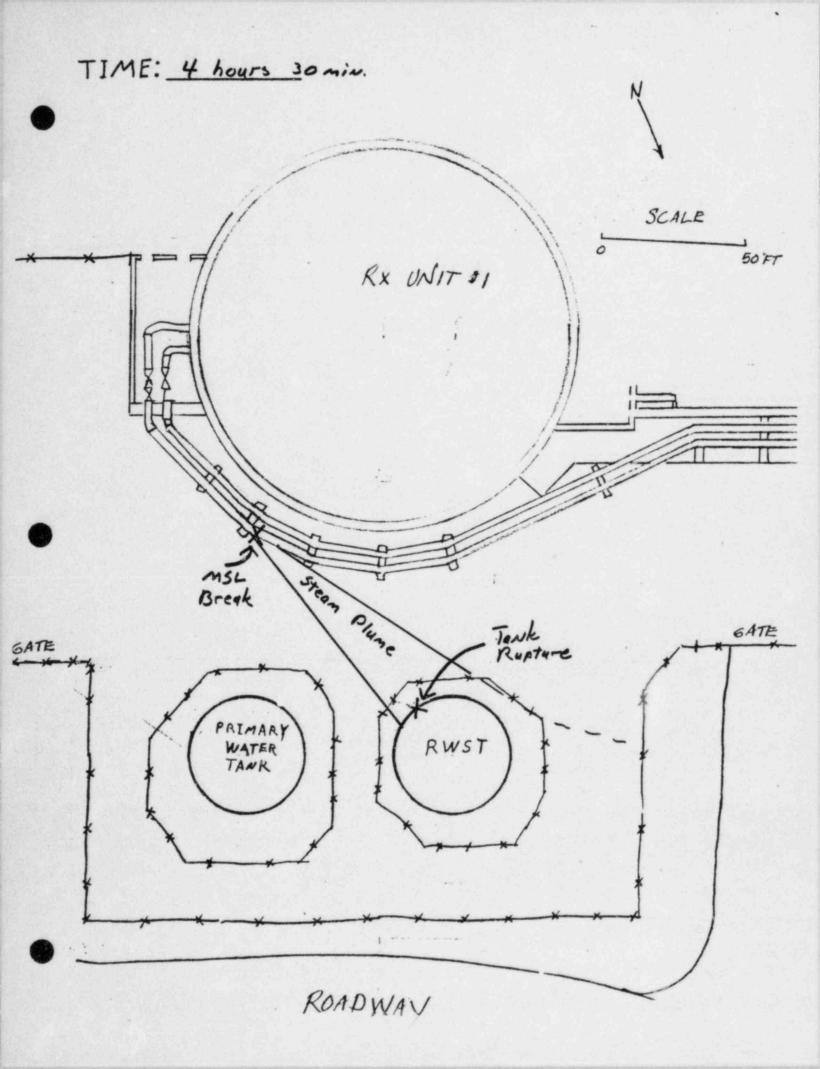
Message For: Maintenance Team in Area of RWST

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.



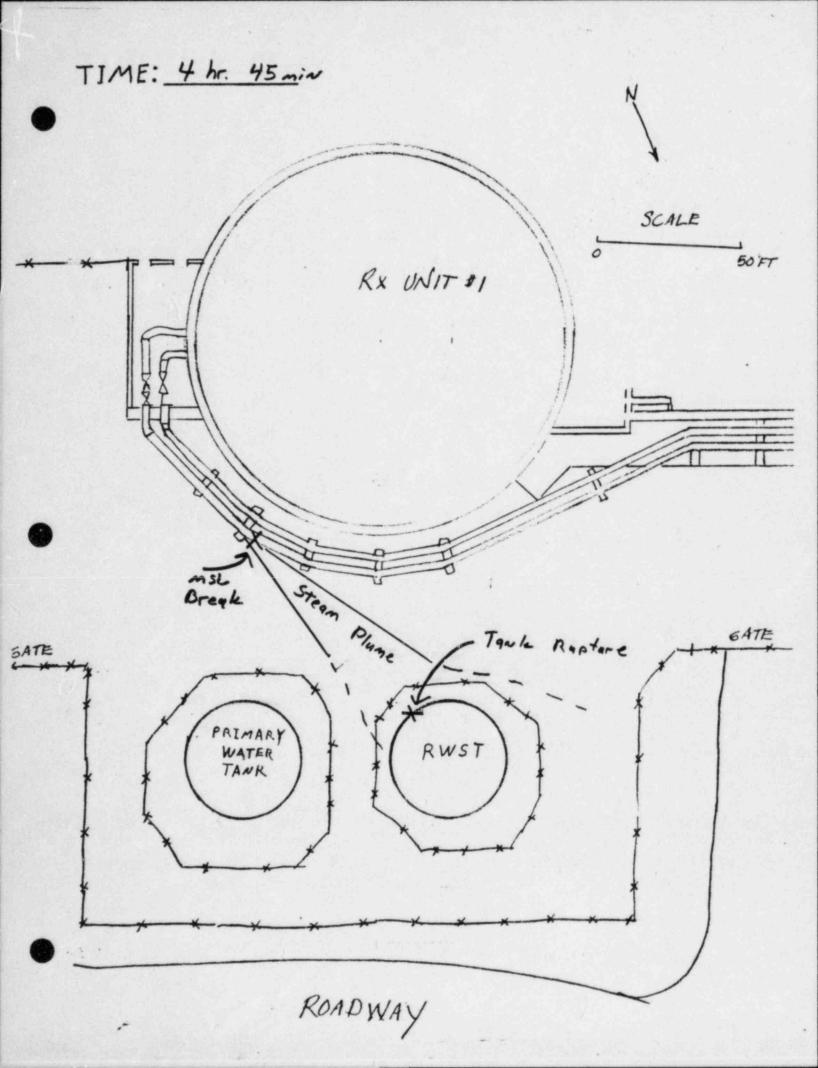
Message For: Maintenance Team in Area of RWST

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.



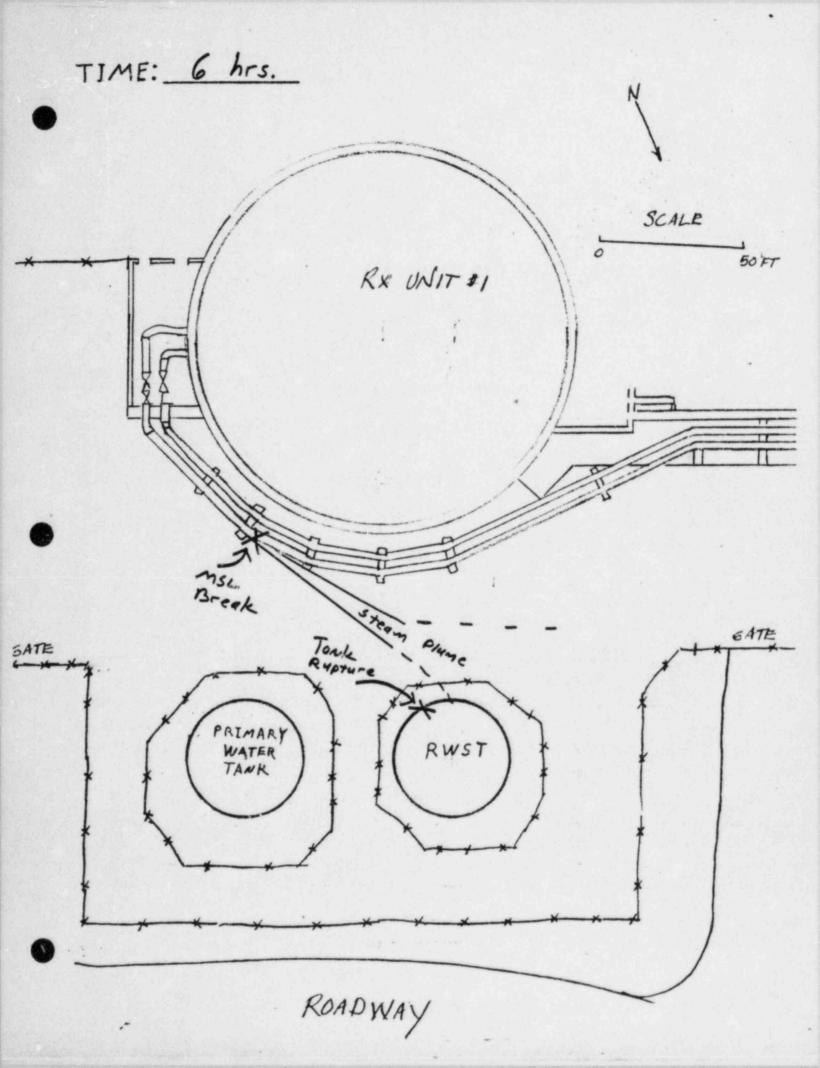
Message For: Maintenance Team Near RWST

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.



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.

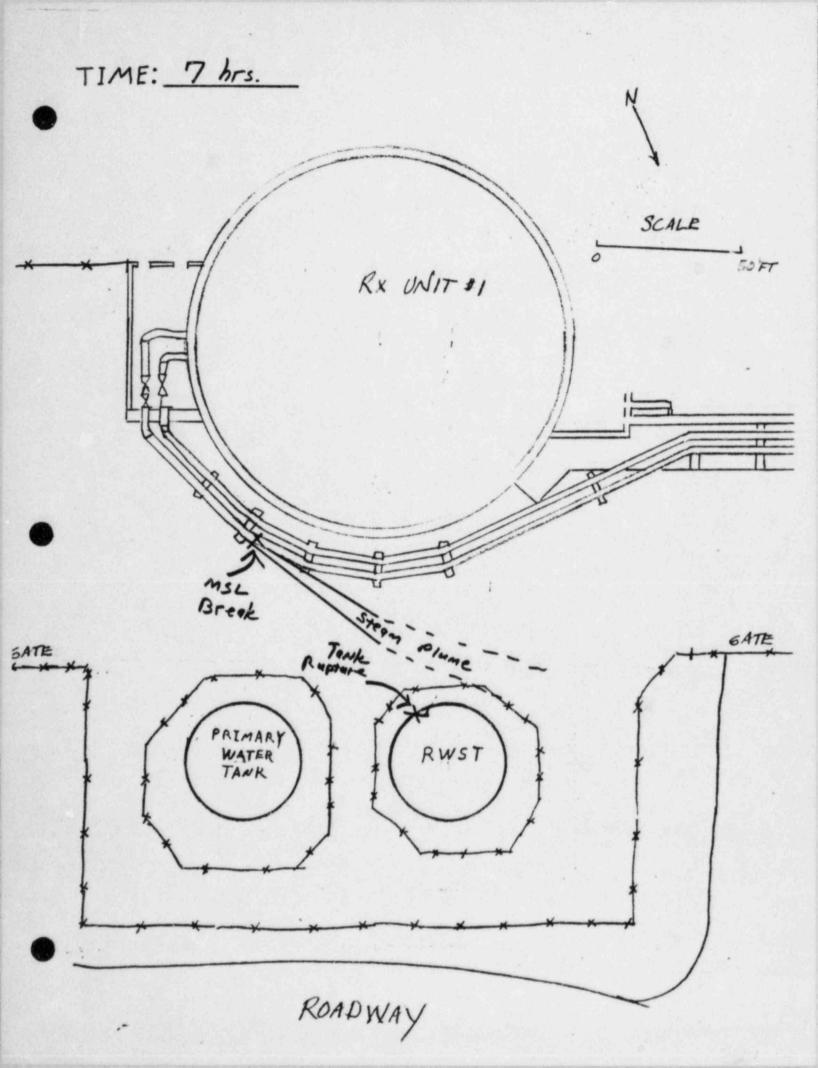
Message For: Maintenance Team Near RWST

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.



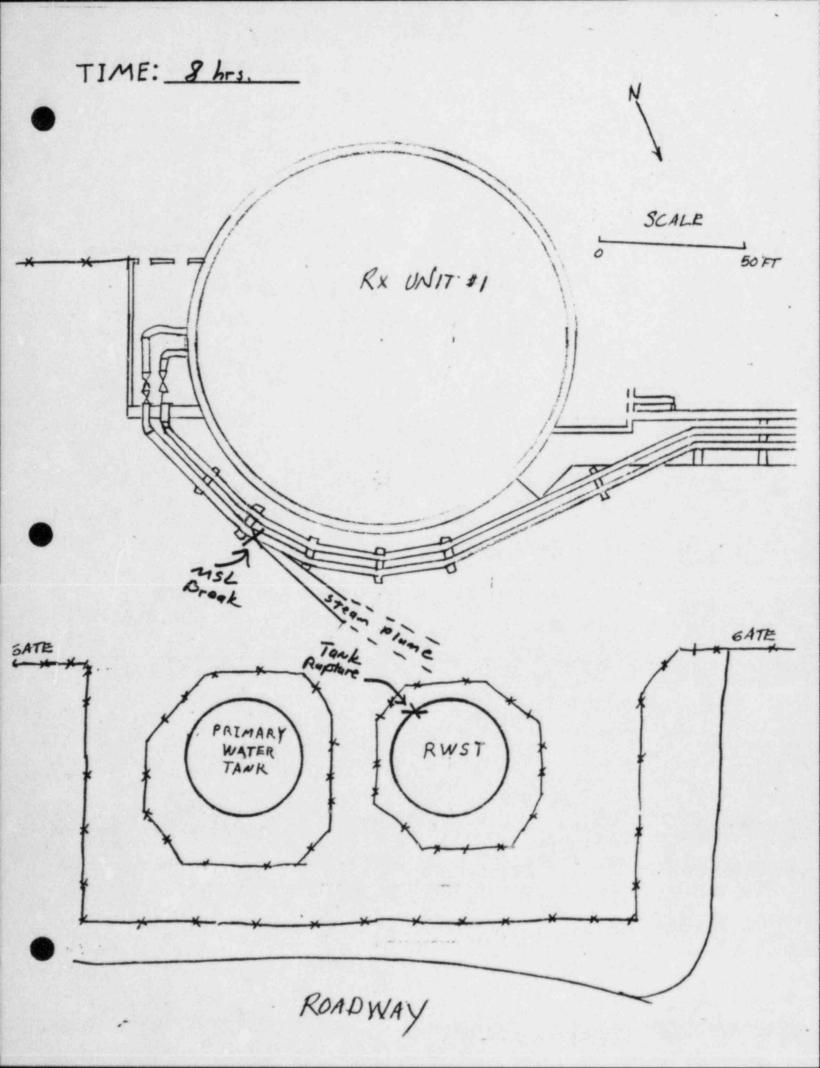
Message For: Maintenance Team Near RWST

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.



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.

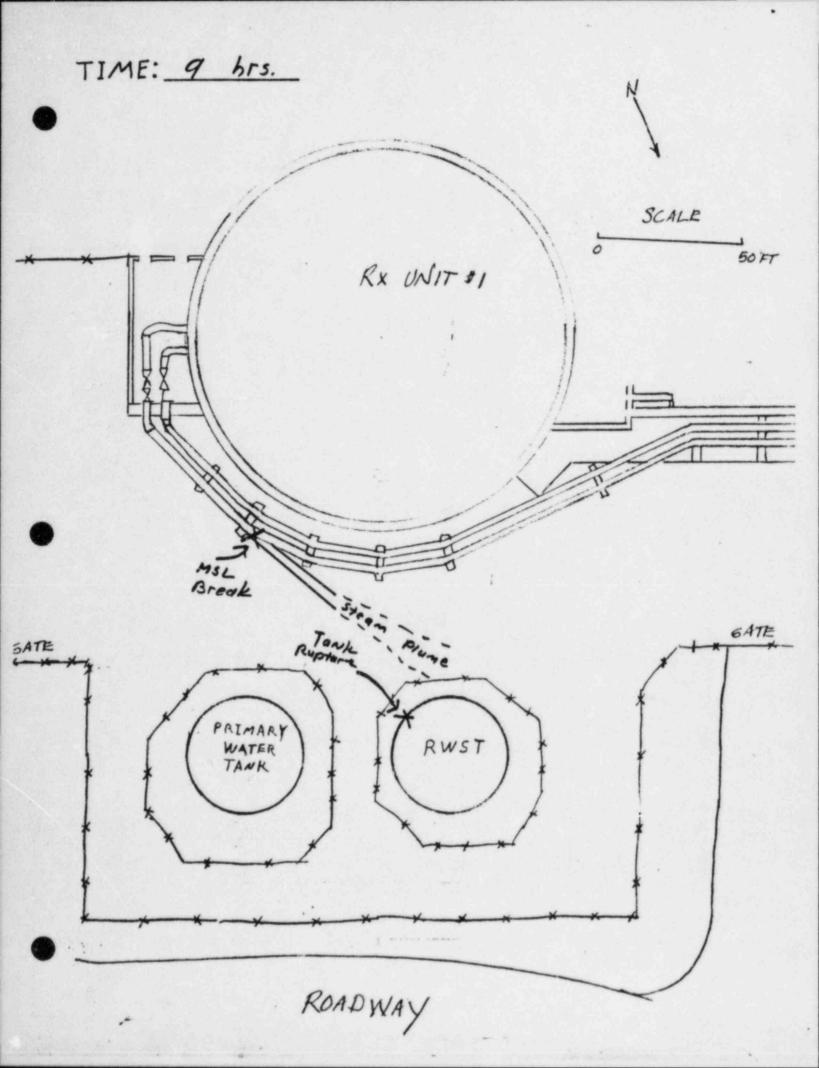
Message For: Maintenance Team Near RWST

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.



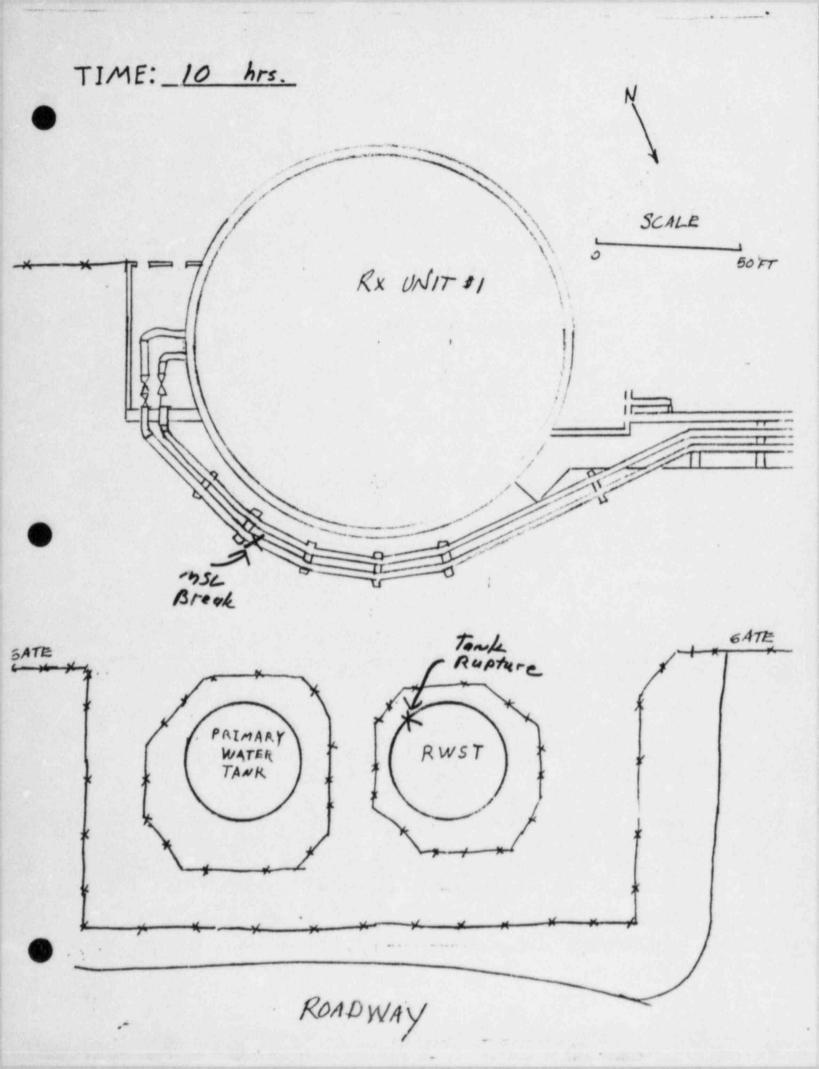
Message For: Maintenance Team at #3 Loop MSIV

Date: February 6, 1985

Time: T = 10 Hours

Message: THIS IS A DRILL.

Loop 3 MSIV closed completely.



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

Da	te 2/6/85 Time T=-15 min Unit /
	Condensate Storage Tank Level, ft. A 29'6" B 29'6"
2.	Steam Generator Heat Siels (LI-2-230A) (LI-2-233A)
3.	AUXI lary feedwater Flow Auxilable
4.	Steam Generator Level (narrow range), % 1 44 2 44 3 43 4
5.	Steam Generator Level (wide range) % 1 (LI-3-39) (LI-3-52) (LI-3-94) (LI-3-107) (LI-3-98) (LI-3-98)
6.	Steam Generator Pressure, psig 1 970 2 860 3 880 4 870 Source Range, cps N31
	(VI-02-5001P) 7VI 02 5000P)
8.	Intermediate Range, ma N35 4.8 x10 N36 4.5 x10 -4
9.	Pressurizer Level, % (EI-92-5003B) (EI-92-5004B) (LI-68-335) (LI-68-320)
10.	Pressurizer Pressure, psig Wide Range 2300 Narrow Range 2235
	Reactor Coolant Loop 4 Hot Leg Pressure, psig 2225 (PI-68-340A)
12.	Reactor Coolant System THot (Wide range) F 1 620 2 615 3 615 4 615
13.	Reactor Coolant System T _{Cold} (wide range)°F 1 550 2 547 3 550 4 545
14.	Reactor Coolant Pumps running 1 yes 2 yes 3 yes 4 yes (TR-68-60)
14.	RWST Level, % 99 98
17.	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm A-A B-B
19.	Containment Pressure, psid (+).08 (+).08
20.	Incore Thermocouples, °F 1 550 2 610 3 609 4 613 (60) (54) (44)
REMA	RKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

uppe	er Containment sample valve status Open Open Open	Closed Closed
2.	Lower Containment Particulate, RM-90-106A, cpm	5,000
3.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
4.	Lower Containment Iodine, RM-90-106C, cpm	1,000
5.	Upper Containment Particulate, RM-90-112, cpm	7500
6.	Upper Containment Total Gas, RM-90-112B, cpm	15000
7.	Upper Containment Iodine, RM-90-112C, cpm	3000
8.	Shield Building Vent Particulate, RM-90-100A,cpm	200
9.	Shield Building Vent Total Gas, RM-90-110B, cpm Shield Building Vent Iodine, RM-90-100C, cpm	50
0.	Auxiliary Building Vent Particulate,	10
	RM-90-101A, cpm	
1.	Auxiliary Building Vent Total Gas,	250
	RM-90-101B, cpm	0 -
2.	Auxiliary Building Vent Iodine RM-90-1010 com	80
3.	Steam Generator Blowdown, RM-90-120A com	10
4.	Steam Generator Blowdown, RM-90-121A com	5000
5.	Condenser Vacuum Pump Air Exhaust, Low Range	4000
	M1-90-99, CDM	30
Ď.	Condenser Vacuum Pump Air Exhaust, High Range,	30
	K1-90-119, CPM	450
7.	ERCW Discharge Header A, RM-90-133A, cpm	
3.	ERCW Discharge Header A, RM-90-140A, com	800
).	EKCW Discharge Header B. RM-90-134A. com	1500
0.	ERCW Discharge Header B, RM-90-141A, cpm	500
		500

Data By:

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	$\frac{2/6/85}{T_{\text{ime}}} = -15 \text{ min}$ Uni	t /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure	,
2.	Liev. 765, Kii-90-2/1, K/hr	^
-	Upper Containment High Range (top of SG #1 and #4 enclosur Elev. 785, RM-90-272, R/hr	e), o
3.	Lower Containment High Range (inside polar crane wall bet	ween
4.	30 5 1/2 and 1/3), Elev. /15. RM-90-273 R/hr	Q
	Lower Containment High Range (inside polar crane wall, bet SG's #1 and #4), elev. 715, RM-90-274, R/hr	4
5.	Shield Building Vent Low Range (helow CCC C.C. number to	
6.	Shield Building Vent High Range (heley CCS Cos aven transfer	* < 0.1
-	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (continued on the continued	¥ < 103
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall	
9.	Elev. 090 pipe chase), RM-90-276, mR/hr	20
	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase),	
10	RM-90-2/7, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase),	
	RM-90-2/8, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
13.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	* < 10 ³
14.	KAR rump Room B-B High Range, Elev. 653, RM-90-293 mR/hr	* < 103
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	* <0.1
	Turbine Building, RM-90-256, mR/hr	× <103

Remarks:

NOTE & INDICATES MINIMUM METER INDICATION

Data		,

Attachment 2

UNIT STATUS UPDATE

Dat	te_2/6/85 Time T=0 Unit /
1.	Condensate Storage Tank Level, ft. A 29'6" B 29'6"
3.	Steam Generator Heat Sink Condenser Auxiliary Feedwater Flow Available Steam Generator Level (narrow range), % 1 44 2 44 3 43 4 44
	Steam Generator Level (wide range) % 1 7/2 2/3 (LI-3-94) (LI-3-107) Steam Generator Procesure 2013
6.	Steam Generator Pressure, psig 1 870 2 865 3 870 4 870 Source Range, cps N31 0 N32
7.	
8.	Intermediate Range, ma N35 4.8 x10 4 (XI-92-5002B) N36 4.5 x10 4
9.	Pressurizer Level, % 60 61
10.	Pressurizer Pressure, psig Wide Range 2300 Narrow Range 2235
11.	Reactor Coolant Loop 4 Hot Leg Pressure, psig 2220 (PI-68-340A)
12.	Reactor Coolant System THot (wide range) F 1 620 2 620 3 615 4 615
13.	Reactor Coolant System T _{Cold} (wide range)°F 1 550 2 550 3 560 4 550 Reactor Coolant Pumps rupning 1 Vo. 2 (TR-68-18) (TR-68-60)
15.	Emergency Core Cooling System Status Standby X Injection Recirculation
17.	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm A-A B-B
19.	Containment Pressure, psid $(+)$ (-0.08) $(+)$ (-0.09) $(+)$ (-0.09)
20.	Incore Thermocouples, °F 1 550 2 610 3 609 4 613 (60) (54) (44)
REMA	RKS:

Data by: ____/

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Upp	er Containment sample valve status Open er Containment sample valve status Open	Closed Closed
1. 2. 3. 4. 5. 6. 7. 8. 9.	Contestimient Farticiliate PM-00-1064	5,000 10,000 1,000 3000 200 Elevated 0 FF SCALE - High
11.	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	720
12.	Auxiliary Building Vent Toding PM-00 1010	80
13.	Second Ocherator Dinwholm DN-06-1904	
14.	Steam deliefator Klowdown DM_00_1014	5000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	4000
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	30
17.	and you ally, Chill	450
18.	ERCW Discharge Header A, RM-90-133A, cpm	800
19.	Discharge header a PM-00-1/04	
20.	ERCW Discharge Header B, RM-90-134A, cpm ERCW Discharge Header B, RM-90-141A, cpm	1500
	bischarge header B. RM-90-1414 com	7000

0-RM-90-118 = OFFSCALE HIGH

Data By:	: 19 1일	

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	2/6/85 Time T=0 Unit	/
1.	Upper Containment High Range (top of SG#2 and #3 enclosure),	
2.	Upper Containment High Range (top of SG #1 and #4 enclosure)	0
3.	Lower Containment High Range (inside polar crane wall between	
4.	Lower Containment High Range (inside polar crane well between	(2
	3 71 and 74), elev. /13 KM-40-774 D/h-	
5.	6900 V shutdown board room) elev 734 PM-00-360 -P/4	switch, 7111
6.	Shield Building Vent High Range (below CCS C-S pump transfer 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	switch,
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	60
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall	10_
9.	Elev. 690 pipe chase), RM-90-276, mR/hr 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	30
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	13
12.		10
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-291, mR/hr	¥ 5 103
14.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	
15.	- Condenser vacuum rump Air Exhaust Low Range Flow 722	* < 103
16.	Turbine Building, RM-90-255, mR/hr Condenser Vacuum Pump Air Exhaust High Range, Elev. 732	* < 0.1
	Turbine Building, RM-90-256, mR/hr	4 < 103
Remar	Eberline 90-401 = 630 90-402 = 51,200	

90-402 = 51,200 CPM 90-403 = Offscale high indicates minimum mater indication

Attachment 2

UNIT STATUS UPDATE

Da	te 2/6/85	Time _	7 =	7 min	. Unit	1		
1.		nk Leve	l, ft.	A29		B 29	16"	
2.				(11-	2-230A)	(L1-2-	Contraction of the Contraction o	
3.		Sink	Condens	er >	< A	tmosphere		
4.	, ccanacci i	low Ava	ilable	Yes >	(No		
*	Steam Generator Level	(narro	w range), % 1 4	+4 2	44 3	43 4	44
5.	Steam Generator Level	(wide	range)	% 1 (LI	-3-39) (1 7/ 2	72 3	43 4 LI-3-94) (L	23-1
6.	Steam Generator Pressu	ure, ps	ig	1.8	70 2	1.5]	870 4 PI-1-20A) (P)	870
7.	Source Range, cps N3	TVY-O	CALANT	717			PI-1-20A) (P	-1-27
8.	Intermediate Range, ma	1133	4.8 XI	0 N30	92-5002B) 4.5 XIC	,		
9.	Pressurizer Level, %	60	225)	61	(61-92-5	004B)		
	Pressurizer Pressure,	psig W	lide Rar		0	Narrow Rang	e 2235	
	Reactor Coolant Loop 4			ure, psig	2223	Maria Carlos Car	(PI-68-340	A)
12.	Reactor Coolant System	T _{Hot} (wide ra	nge)°F 1_	(PR-68-	620 3	615 4 6	
13.	Reactor Coolant System	T _{Cold}	(wide r	ange)°F 1	550 TR-6	550 3	560 4 S	50
14.	Reactor Coolant Pumps	running		1 Vac	2 1/11/1	-08-18)	(TR-68	-60)
15. 16.	Reactor Coolant Pumps Emergency Core Cooling RWST Level, % 97	System	Status 95	Standby	X Inje	ection yes	Recirculation	onnc
17.	Containment Sump Level	, %	(LI-6					
18.	Containment Spray Flow,	, gpm	A-A	0	B-B	0		
19.	Containment Pressure, p	osid	(+)	09	(+) (FI-7	2-34)		
20.	Incore Thermocouples,	F	1_5	50 2	610 3 (54)	609 4	6/3	
REMA	RKS:							
-	The state of the s							

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Upp	er Containment sample valve status Open	Closed
-PP	(B.) [12] [12] [13] [14] [15] [15] [15] [15] [15] [15] [15] [15	Closed
1.	Lower Containment Particulate, RM-90-106A, cpm	5,000
3.	LOWEL CONCATHMENT TOTAL GAS DM-00-10CD	10,000
4.	Lower Containment Iodine, RM-90-106C, cpm	1,000
5.	Upper Containment Particulate, RM-90-112, cpm Upper Containment Total Gas, RM-90-112B, cpm	7500
6.	Upper Containment Iodine, RM-90-112B, cpm Shield Buildinest Iodine, RM-90-112C, cpm	3000
7.	Billeta Bullding Vent Particulate DM 00 1004	200
8.	outerd bullully vent lotal Gas DM on 1105	Elavoted
9.	outerd partially self louine BW-00-1000	OFFSCALE - HIGH
0.	munitially building vent Particulate	Fleveted
1	K1-90-101A, CDM	250
1.	Auxiliary Building Vent Total Gas,	230
2.	RM-90-101B, cpm	80
3.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
4.	Steam Generator Blowdown, RM-90-120A, cpm	5000
5.	Steam Generator Blowdown, RM-90-121A, cpm Condenser Vacuum Pump Air Exhaust, Low Range,	4000
	RM-90-99, cpm	
6.	Condenser Vacuum Pump Air Exhaust Wich Pages -	30
7.	and you if y, chill	450
8.	ERCW Discharge Header A, RM-90-133A, cpm	800
9.	ERCW Discharge Header A, RM-90-133A, cpm ERCW Discharge Header B, RM-90-140A, cpm	1500
0.	ERCW Discharge Header B, RM-90-134A, cpm ERCW Discharge Header B, RM-90-141A, cpm	1000
	neader b, RN-90-141A, cpm	500

Remarks: 0-RM-90-118 = Offscale - high

Data	By:	[10.14.14] [10.14.14] 이 마음 이번 보는 사람들이 되었다면 하는 사람들이 되었다면 되었다면 하는데 되었다면 되었다면 되었다면 하는데 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면
	110	

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	2/6/85 Time Unit	1
1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	
2.	Upper Containment High Range (top of SG #1 and #/ and	0
3.	Elev. 785, RM-90-272, R/hr Lower Containment High Range (inside polar crane wall, between SG's #2 and #3) Flow 715 PM 00 273 PM	0
,	"- and "J), bicv. /13. Km-40-//3 R/hr	8
4.	Lower containment high Kange (inside polar crane well between	
5.	SG's #1 and #4), elev. 715, RM-90-274, R/hr Shield Building Vent Low Range (below CCS C-S pump transfer swit	5
6.	The state of the s	
٥.	Shield Building Vent High Range (below CCS C-S pump transfer swi 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	ten.
7.	Reactor Coolant Drain Tank Pump Discharge (on chiefd	60
8.	water. Old pipe chasel. Kn-90-//2 mk/hr	10
	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	1-
9.	Reactor Building Floor and Equipment Drain Cump Dung	20
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	
10.	Reactor Building Floor and Equipment Drain Sump Duma	20_
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	15
12.	Tump Room A-A figh Kange Fley 653 PM-00-201 -D/L	203
13.	Lamb Room D.D Ton Kaude Wien 923 BW-00-303 -D/F	2 .
15.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732	< 10°
	Additional building, km-90-75, mk/hr	< 0.1
	Condenser vacuum Pump Air Exhaust High Range, Elev. 732	3
	7	< 10 ³
Remar	ks: E 1 1	
	FORTINE 90-401 = 630 CPM	
	90-402 = 51,200 CPM	
	90-403 = OFF SCALE	
		410-14
	* indicates minimum meter indication	
Data 1	by:	, ,
		/

Attachment 2

UNIT STATUS UPDATE

Da	te_2/6/85 Time_T= 20 min Unit/
1.	Condensate Storage Tank Level, ft. A 29'6" B 29'6"
2.	Steam Generator Heat Sink (LI-2-230A) (LI-2-233A)
3.	AUXILIARY Feeduater Flow Available V
4	Steam Generator Level (narrow range), % 1 44 2 44 3 44 4 44
5.	Steam Generator Level (wide range) % 1 7/ 2 7/ 3 70 4 72
6.	Steam Generator Pressure, psig 1 870 2 860 3 870 4 870
7.	Source Range, cps N31 0 N32 (PI-1-9A) (PI-1-20A) (PI-1-27A)
8.	Intermediate Range, ma N35 4.8 x10 -4 N36 4.5 x10 -4
9.	Pressurizer Level, % 60 (E1-92-5004B)
10.	Pressurizer Pressure, psig Wide Range 2300 Narrow Range 2235
	Reactor Coolant Loop 4 Hot Leg Pressure, psig 2225
12.	Reactor Coolant System T _{Hot} (wide range)°F 1 620 2 615 3 615 4 615
13.	Reactor Coolant System T _{Cold} (wide range)°F 1 550 2 550 3 560 4 550
14	Reactor Contant Pumps (TR-68-60)
15	Emergency Core Cooling Control of the State
16.	Reactor Coolant Pumps running Emergency Core Cooling System Status Standby X Injection RWST Level, % 97 (II 52 50) (II 52 50)
	Containment Sump Level, %
18.	Containment Spray Flow, gpm A-A B-B O
19.	Containment Pressure, psid (+). 09 (FI-72-34)
20.	Incore Thermocouples, °F 1 550 2 610 3 609 4 613 (60) (54) (44)
DEMA	pvc.
MEHR	RKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Uppe	er Containment sample valve status Open Containment sample valve status Open	Closed Closed
1.	Lower Containment Particulate, RM-90-106A, cpm	Face
2.	Lower Containment Total Gas DM-00-106D	5,000
3.	Lower Containment loding RM-Q0-1060	10,000
4.	opper containment Particulate RM-00-112	1,000
5.	opper containment Total Gas RM-00-1120	2,500
6.	opper containment lodine, kM-90-1120 com	3,000
7.	Shield Building Vent Particulate PM-00-1004	200
8.	Shield building vent lotal Gas PM-00-1100	Elevated
9.	Siller building vent lodine RM-90-1000	Offscale - high
10.	Auxiliary Building Vent Particulate	Elevated
	RT-90-101A, CDM	A ===
11.	Auxiliary Building Vent Total Gas -	250
	RN-90-101B, CPM	
12.	Auxiliary Building Vent Inding PM-00-1010 -	80
13.	- Steam delierator Blowdown, RM-Q0-120A	10
14.	- Sceam Generator Blowdown RM-Q0-1214 cmm	5000
15.	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	4000
16.	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	30
17.	ERCW Discharge Headan A DW on and	450
18.	ERCW Discharge Header A, RM-90-133A, cpm	200
19.	ERCW Discharge Header A, RM-90-140A, cpm	1500
20.	ERCW Discharge Header B, RM-90-134A, cpm	1000
11.00	ERCW Discharge Header B, RM-90-141A, cpm	300

Remarks:

0-RM-90-118 = OFF SCALE HIGH

Data	By:	생활성 생물이 있다면 내가 보고 하면서 가는 때 그 나이지 않는데 하는 것이 없다.	
	200		

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	2/6/85	Time	niv Unit /
1.	Upper Containment High Ra Elev. 785, RM-90-271, R/H	ange (top of SG#2 a	
2.	Upper Containment High Ra	ange (top of SC #1	and #4 enclosure)
3.	Elev. 785, RM-90-272, R/R Lower Containment High Ra SG's #2 and #3) Flev 73		
	" Land "JI, ELEV. I	3 KM=411=//4 D/h=	•
4.	Lower containment High Ra	ince (incide nolar	crane wall, between
5.	SG's #1 and #4), elev. 71 Shield Building Vent Low 6900 V shutdown board roo Shield Building Vent Wick	Range (below CCC C	
6.	parera parratus Agur Wigh	Kange (helou CCC)	C C
7.	Reactor Coolant Drain Tan	k Pump Discharge (on shield wall,
8.	Reactor Coolant Drain Tan	k Pump Discharge (10
9.	Elev. 690 pipe chase), RM Reactor Building Floor an Discharge (on shield well	=411=//6 mD/h=	
	Discharge, (on shield wal RM-90-277, mR/hr	1, Elev. 690 pipe of	chase),
10.	Reactor Building Floor and Discharge, (on shield wal RM-90-278, mR/hr	d Equipment Drain S 1, Elev. 690 pipe o	Sump Pump
11.	RHR Pump Room A-A Low Range	ge Fley 652 DM o	/5
	Tamp Room A M High Rai	nge klau 652 DM	00 001 54
-	The room D D Low Kall	DE FLOU 657 DM-0	0 200 P/I
-	remit rough bed ulbu kar	nge Flau 652 DM	00 000 011
	The state of the s	EXPANSE LOW Range	Elev. 732
16.	Turbine Building, RM-90-25 Condenser Vacuum Pump Air Turbine Building, RM-90-25	Exhaust High Pages	
Remar			
- Cilia L			
	Eberline	90-401	= 630 CPM
		90-402	= 51,200 CPM
		90 -403	=
Data l	y: * indicates	minimum	motor indication

Attachment 2

UNIT STATUS UPDATE

Dat	te_2/6/85 Time_T=30 min Unit/
1.	Condensate Storage Tank Level, ft. A 29'6" B 29'6"
3.	Steam Generator Heat Sink Condenser Auxiliary Feedwater Flow Available Steam Generator Level (narrow range), % 1 (LI-2-230A) Atmosphere Yes No 3 44 444 444 444
	Steam Generator Level (wide range) % 1 7/2 (LI-3-52) (LI-3-94) (LI-3-107)
	Steam Generator Pressure, psig 1 870 2 860 3 920 4 920
7.	Source Range, cps N31 0 N32 (PI-1-2A) (PI-1-9A) (PI-1-2OA) (PI-1-27A)
8.	Intermediate Range, ma N35 4.8 110 N36 4.5 X10 4
	Pressurizer Level, % 60 (EI-92-5003B) (EI-92-5004B)
10.	Pressurizer Pressure, psig Wide Range 2300 Narrow Range 2235
	Reactor Coolant Loop 4 Hot Leg Pressure, psig 2220 (PI-68-340A)
	Reactor Coolant System THot (wide range) of 1 620 2 620 3 6/5 4 6/5
	Reactor Coolant System T _{Cold} (wide range)°F 1 550 2 550 3 560 4 550
14. 15.	Reactor Coolant Pumps running Emergency Core Cooling System Status Standby X Injection Recirculation
	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm A-A B-B
19.	Containment Pressure, psid (+).09 (+).10
20	Incore Thermocouples, °F 1 550 2 610 3 609 4 613 (60) (54) (44)
REMA	RKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Lowe	er Containment sample valve status Open open open	Closed Closed
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15.	Lower Containment Particulate, RM-90-106A, cpm Lower Containment Total Gas, RM-90-106B, cpm Lower Containment Iodine, RM-90-106C, cpm Upper Containment Particulate, RM-90-112, cpm Upper Containment Total Gas, RM-90-112B, cpm Upper Containment Iodine, RM-90-112C, cpm Shield Building Vent Particulate, RM-90-100A, cpm Shield Building Vent Total Gas, RM-90-110B, cpm Shield Building Vent Iodine, RM-90-100C, cpm Auxiliary Building Vent Particulate, RM-90-101A, cpm Auxiliary Building Vent Total Gas, RM-90-101B, cpm Auxiliary Building Vent Iodine, RM-90-101C, cpm Steam Generator Blowdown, RM-90-120A, cpm Steam Generator Blowdown, RM-90-121A, cpm Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	5,000 10,000 1,000 1,000 3,000 200 Elevated OFFSCALE -4164 Elevated 30 10 5000 4000 30
18.	ERCW Discharge Header A, RM-90-133A, cpm	800
19.	Encw Discharge Header A. RM-90-140A com	1500
20.	blow Discharge header B. RM-90-13/A com	1000
	ERCW Discharge Header B, RM-90-141A, cpm	300

OFF SCALE HIGH

Data By:	,

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	2/6/85	Time	T=30.	niv	Unit	1
1.	Upper Containment	High Range (t	op of SG#2	and #3 enclo	sure),	
2.	Elev. 785, RM-90-2 Upper Containment Elev. 785, RM-90-2	/I. K/Dr				0
3.	103, MI 10 2	14. N/HI				0
3.	Lower Containment SG's #2 and #3), E.	digh Range (i lev. 715 RM-	nside polar	crane wall,	between	-
4.	rower containment	ligh Kange (i	nside nolar	crane mall	between	8
5.	20 2 11 2 GHG 1141 F	LEV. / 13. RM=	4(1= / //4 D/h.			5
,	Shield Building Ver 6900 V shutdown box Shield Building Ver	ILU LUUMI. PI	## / 5/4 MM =	-0.01 - 0.01	0.00	
6.	SUTTER DUTTOTHE AGI	ic nigh kange	(below CCS	Cas numn + "		ch,
7.	Reactor Coolant Dra	in Tank Pump	Discharge (U/1 - 761 - D/	the same of the sa	60
8.	ares. Old brhe cuas	E/. RD-90-//	mk/hr			10
	Reactor Coolant Dra Elev. 690 pipe chas	E). RD-90-2/	n. mR/hr		all,	20
7.	Reactor Building F	oor and Equip	ment Drain	Sump Pump	-	20
	Discharge, (on shie RM-90-277, mR/hr	id wall, Elev	v. 690 pipe	chase),		
10.	Reactor Building Fl	oor and Equip	oment Drain	Sump Pump		70
	Discharge, (on shie RM-90-278, mR/hr	id wall, Elev	7. 690 pipe	chase),		1=
11.	RHR Pump Room A-A L	ow Range, Ele	v. 653, RM-	90-290, mR/h	ır	15
A da .	RHR Pump Room A-A H RHR Pump Room B-B L	ign Kange, El	ev. 653 RM	-90-201 mp	h	< 10°
14.	mary remit voom D.B H	12h Kange, El	PU 653 PM	-90-202 -D	hr #	Z 103
	Condenser Vacuum Pu Turbine Building, R	mp Alr Exhaus	E Low Range	, Elev. 732		
10.	Condenser Vacuum Pu	mp Air Exhaus	t High Range	Flav 732	*	< 0.1
	Turbine Building, R	M-90-256, mR/	hr	-, LLCY. /32	# <	103
Remark	Eberline	- 90	-401	- 1	30 CF	
		,-				
		90	-402	= 2	,200 €	PM
		90	- 403	= 04	Facale	high
	* indic	otes mi	vinan	meter	indica	tion
ata b						
					/	

Attachment 2

UNIT STATUS UPDATE

Da	te_2/6/85 Time_T= 1 hour Unit1
	Condensate Storage Tank Level, ft. A 29' B 29' 6"
2.	Steam Generator Heat Sink Condenser (LI-2-230A) (LI-2-233A)
١.	Additiaty reedwater flow Available Yes
4.	Steam Generator Level (narrow range), % 1 44 2 44 3 44 4 44 Steam Generator Level (wide range) % 1 70 2 71 3 70 (LI-3-94)
5.	Steam Generator Level (wide range) % 1 70 2 71 3 70 4 72 Steam Generator Pressure, psig. (LI-3-98)
6.	Steam Generator Pressure, psig 1870 2860 3800 4880 Source Range, cps N31 N32
7.	1134
8.	Intermediate Range, ma N35 (XI-92-5001B) (XI-92-5002B) (XI-92-5003B) (XI-92-5004B)
9.	Pressurizer Level, % 60 61
10.	Pressurizer Pressure, psig Wide Range \$300 Narrow Range \$235
11.	Reactor Coolant Loop 4 Hot Leg Pressure, psig 2220 (PI-68-340A)
	Reactor Coolant System THOT (wide range) of 1 620 2 620 3 615 4 615
13.	Reactor Coolant System T _{Cold} (wide range)°F 1 550 2 550 3 560 4 550
14.	Reactor Coolant Pumps rupning (TR-68-18) (TR-68-60)
15	Emergency Core Cooling Control of the State
16.	Reactor Coolant Pumps running Emergency Core Cooling System Status Standby 2 Yes 3 Yes 4 Yes RWST Level, % 97
	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm A-A B-B
19	Containment Pressure, psid (+).09 (FI-72-34) (+).10 (PI-30-45)
20.	Incore Thermocouples, °F $1 - \frac{(P1 - 30 - 44)}{550} = \frac{(P1 - 30 - 45)}{(60)} = \frac{(P1 - 30 - 45)}{(54)} = \frac{(P1 - 30 - 45)}{(44)} = \frac{(P1 - 30 - 45)}{(41)}$
REMA	RKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

1. Lower Containment Particulate, RM-90-106A, cpm 2. Lower Containment Total Gas, RM-90-106B, cpm	5000
3 T C Total 035, Kn-90-100B, Cpm	
J. Lower Containment loding RM-90-106C com	10,000
4. Opper Containment Particulate RM-90-112	1,000
J. Opper Concainment Total Gas RM-90-112P	7500
o. Opper containment lodine RM-90-1120 com	15000
. Sillerd Building Vent Particulate RM-90-1004	3000
o. Shield building vent lotal Gas RM-00-1100	200
9. Shield Building Vent Iodine, RM-90-100C, cpm	50
. Auxillary Building Vent Particulate	10
RM-90-101A, cpm 11. Auxiliary Building Vent Total Gas,	250
RM-90-101B, cpm	0 -
12. Auxiliary Building Vent Iodine, RM-90-101C, cpm	80
13. Steam Generator Blowdown, RM-90-120A, cpm	10
14. Steam Generator Blowdown, RM-90-121A, cpm	5000
15. Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	4000
16. Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	30
17. ERCW Discharge Header A PM-00-1224	450
and the meader W. Khadhality Com	800
" " " " " " " " " " " " " " " " " " "	1500
The state of the s	1000
20. ERCW Discharge Header B, RN-90-141A, cpm	500
	300

Data By:

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	$\frac{2/6/85}{1}$ Time $T = 1 \text{ hr}$. Uni	t /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure	1
2.	Elev. 785, RM-90-271, R/hr Upper Containment High Range (top of SG #1 and #4 enclosure Elev. 785, RM-90-272, R/hr	
3.	5.c. 105, MI-70-2/2, K/NF	Α
4.	Lower Containment High Range (inside polar crane wall, bet SG's #2 and #3), Elev. 715, RM-90-273, R/hr	6
	SG's #1 and #4), elev. 715 RM-90-276 P/b-	ween
5.	Shield building vent Low Range (below ccc c.c.	r switch,
6.	Shield Building Vent High Range (below CCs C-s mR/hr	* < 0.1
7.	Reactor Coolant Drain Tank Pump Discharge (on abiald	¥ < 103
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall,	10
9.	arce, or pipe chasel, kn=40=7/6 mp/6=	20
	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase),	
10.	Reactor Building Floor and Equipment Drain Summer	20
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	
11.	RHR Pump Room A-A Low Range, Fley 653 PM-90-200 -P/h	15
12. 13.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	× < 103
14. 15.	rump Room b-b fileh Kange Fley 653 DM-00-202 -b/t	¥ < 103
	Turbine Building, RM-90-255, mR/hr	* <01
10.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* <0.1
		* < 103

Remarks:

NOTE & INDICATES MINIMUM METER INDICATION

Data	by:	B 10. 10. 10. 10. 10. 10. 10. 10. 10. 10.

Attachment 2

UNIT STATUS UPDATE

Dat	te_2/6/85 Time T= 2 hours Unit 1
1.	Condensate Storage Tank Level, ft. A 29' B 29'6"
2.	Steam Generator Heat Sink Cont (LI-2-233A)
	Steam Generator Heat Sink Condenser Auxiliary Feedwater Flow Available Yes Atmosphere No
4.	Steam Generator Lovel (normaliable Yes X No
	Steam Generator Level (narrow range), % 1 10 2 6 3 10 4 8
5.	Steam Generator Level (wide range) % 1 80 2 80 3 79 4 78
6.	Steam Generator Pressure, psig 1 980 2 990 3 890 4 990
7.	N32
8.	Intermediate Range, ma N35 7 X/0 -7 N36 7 X/0
9.	Pressurizer Level, % 24 (EI-92-5003B) (EI-92-5004B)
	(LI-68-335) 711-68-320)
10.	Pressurizer Pressure nois (U.) D
11.	Reactor Coolant Loop 4 Hot Leg Pressure, psig 2200 (PI-68-340A)
	100-202-627
12.	Reactor Coolant System THot (wide range) F 1 550 2 550 3 520 4 545
13	Reactor Coolant System T _{Cold} (wide range)°F 1 550 2 550 3 530 4 545 Reactor Coolant Pumps rupping (TR-68-18) (TR-68-60)
***	Reactor coolant System (Cold (Wide range) of 1 550 2 550 3 520 4545
14	Reactor Coolant Pumps running Emergency Core Cooling System Status Standby TR-68-18) (TR-68-18) (TR-68-60) Tnjection Recirculation
15	Emergency Corn Carling 1 yes 2 yes 3 Ves 4 yes
16	RWST Level % Recirculation
10.	
17	(L1-63-50) (L1-63-51)
***	Containment Sump Level, %
1.8	Containment C (LI-63-176)
***	Containment Spray Flow, gpm A-A B-B
10	Containment D. (FI-72-34)
17.	containment Pressure, psid (+).09 (+).10
20	(P1-30-44) (P1-30-45)
eU.	Incore Thermocouples, °F 1_555 2 5553 550 4 555
	(60) (54) (44) (41)
DEM	DVG (41)
Maila	RKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

r Containment sample valve status Open	Closed Closed
Lower Containment Particulate, RM-90-106A, cpm	5,000
Lower Containment Todais, RM-90-106B, cpm	10,000
Upper Containment Particulate PM 00 110	1,000
Upper Containment Total Gas PM-00-112, cpm	7500
Uppe Containment Ioding PM-00-1128, cpm	15000
Shield Building Vent Particulate PM 00 1001	3 0 0 0
Shield Building Vent Total Cas DM 00 1100A, cpm	200
Shield Building Vent Ioding PM-00-1006, cpm	50
Auxiliary Building Vent Particulate -	
RM-90-101A cpm	
Auxiliary Building Vent Total Con	250
RM-90-101B, cpm	•
Auxiliary Building Vent Loding PM-00-1016	80
Steam Generator Blowdown RM-90-1204 cpm -	10
Steam Generator Blowdown RM-90-121A	5000
Condenser Vacuum Pump Air Exhaust Lou Page	4000
RM-90-99, CDM	
Condenser Vacuum Pump Air Exhauet Wich Page	30
RM-90-119, com	4-
ERCW Discharge Header A PM-90-1334	450
ERCW Discharge Header A PN-00-1/04	800
ERCW Discharge Header R PM-90-1264	1500
ERCW Discharge Header R RM-90-1414 cpm	1000
о печает в, ки ло-тата, срш	500
	Containment sample valve status Copen Containment sample valve status Copen Lower Containment Particulate, RM-90-106A, cpm Lower Containment Total Gas, RM-90-106B, cpm Lower Containment Total Gas, RM-90-106C, cpm Upper Containment Particulate, RM-90-112, cpm Upper Containment Total Gas, RM-90-112B, cpm Upper Containment Total Gas, RM-90-112C, cpm Uppe. Containment Iodine, RM-90-112C, cpm Shield Building Vent Particulate, RM-90-100A, cpm Shield Building Vent Total Gas, RM-90-110B, cpm Shield Building Vent Iodine, RM-90-100C, cpm Auxiliary Building Vent Total Gas, RM-90-101A, cpm Auxiliary Building Vent Iodine, RM-90-101C, cpm Steam Generator Blowdown, RM-90-120A, cpm Steam Generator Blowdown, RM-90-121A, cpm Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm ERCW Discharge Header A, RM-90-133A, cpm ERCW Discharge Header B, RM-90-140A, cpm ERCW Discharge Header B, RM-90-134A, cpm ERCW Discharge Header B, RM-90-134A, cpm ERCW Discharge Header B, RM-90-141A, cpm

Data By:

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	$\frac{2/6/85}{1}$ Time $T = 2 hrs. Uni$	t /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure).
2.	Upper Containment High Range (top of SG #1 and #4 enclosur	^
2	E164. 703, KN-90-2/2. K/hr	^
3.	Lower Containment High Range (inside polar crane wall, bet SG's #2 and #3), Elev. 715, RM-90-273, R/hr	ween o
4.	Lower Containment High Range (inside polar crane wall hat	ween 8
5.	SG's #1 and #4), elev. 715, RM-90-274, R/hr Shield Building Vent Low Range (below CCS C-S pump transfe	6
,	and town board room! blev /44 km=qn=760 mb/km	V - A
6.	Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RN-90-261, mR/hr	or ewitch
7.	heactor coolant Drain Tank Pump Discharge (on shield wall	¥ < 103
8.	Elev. 690 pipe chase), RM-90-275, mR/hr Reactor Coolant Drain Tank Pump Discharge (on sheild wall,	10
0	Elev. 030 pipe chase). KM-90-276 mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase),	
10	Rn-90-2//, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase),	
11.	M1-90-270, MK/Nr	15
12.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	10
13.	rump Room b-b Low Range, Fley 653 RM-Q0-202 -b/k-	* < 103
	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732	* < 103
	AGLULIE BULLGING, KM-90-255, mR/hr	* <0.1
	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	
	, MI-90-230, MK/RF	* <103

Remarks:

NOTE & INDICATES MINIMUM METER INDICATION

Data by:	

Attachment 2

UNIT STATUS UPDATE

Da	te 2/6/85 Time 2hours /min Unit /
	Condensate Storage Tank Level, ft. A 29' B 29' 6"
2.	Steam Generator Heat Sink Condenser (LI-2-230A) Auxiliary Feedwater Flow Available Yes No
4.	Steam Generator Level (narrow range), % 1 10 2 6 3 10 4 0
5.	Steam Generator Level (wide range) % 1 80 2 80 3 79 4 28
6.	Steam Generator Pressure, psig 1 980 2 990 3 780 4 990
7.	Source Range, cps N31 0 N32 (PI-1-2A) (PI-1-9A) (PI-1-2OA) (PI-1-27A)
8.	Intermediate Range, ma N35 7x10 7 (XI-92-5002B) -7
9.	Pressurizer Level, % (EI-92-5003B) (EI-92-5004B)
10.	Pressurizer Pressure, psig Wide Range 2200 Narrow Range 2200
	Reactor Coolant Loop 4 Hot Leg Pressure, psig 2200 (PI-68-340A)
12.	Reactor Coolant System THot (wide range) F 1 550 2 550 3 540 4 545
13.	Reactor Coolant System T _{Cold} (wide range)°F 1 550 2 550 3 520 4545
14. 15.	Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes RWST Level, % RWST Level, %
17.	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm A-A B-B
19.	Containment Pressure, psid (+).09 (+).10
20.	Incore Thermocouples, °F 1 555 2 555 3 550 4 550
REMA	RKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

	inment sample		Open Open	Closed Closed
1. Lower (ontainment Par	rticulate, RM-9	0-106A, cpm	5,000
the particular and the particula	ontainment To	tal Gas, RM-90- line, RM-90-106	106B, cpm	10,000
	ontainment Par	ticulate, RM-9	C, cpm	1,000
5. Upper (ontainment Tot	al Gas, RM-90-	0-112, cpm	7500
6. Upper C	ontainment Too	line, RM-90-112	112B, cpm	15000
7. Shield	Building Vent	Particulate, R	U, CPM	3 0 0 0
8. Shield	Building Vent	Total Gas, RM-	00-1100A, cpm	200
	Building Vent	Iodine, RM-90-	100C cpm	50
v. Auxilia	ry Building Ve	nt Particulate		
RM-90-1	OlA, cpm			250
	ry Building Ve 01B, cpm	nt Total Gas,		
2. Auxilia	orb, cpm			80
	ry building ve	nt Iodine, RM-9	0-101C, cpm	10
Contract to the second of the	enerator Blowd	own, RM-90-120A	, cpm	5000
	ar Vacuum Duna	own, RM-90-121A	, cpm	4000
RM-90-9	. com	Air Exhaust, L	ow Range,	
. Condens	er Vacuum Pump	Air Exhaust, H	ich Panne	30
KU-30-1	9, cpm			450
. ERCW Dis	charge Header	A, RM-90-133A,	cpm	
. ENCW DIS	charge Header	A. RM-90-140A	CDM	800
. EKCW DIS	charge Header	B. RM-90-134A.	CDM	1500
. ERCW Dis	charge Header	B, RM-90-141A,	cpm	1000
			-	500

Data By:

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	2/6/85 Time T= 2 hrs. Imin Uni	t /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure	
2.	Elev. 785, RM-90-271, R/hr Upper Containment High Range (top of SG #1 and #4 enclosure	Λ
3.	Elev. 785, KM-90-2/2, R/hr	^
	Lower Containment High Range (inside polar crane wall, beta SG's #2 and #3), Elev. 715, RM-90-273, R/hr	Q
4.	Lower Containment High Range (inside polar crane wall bet	veen
5.	SG's #1 and #4), elev. 715, RM-90-274, R/hr Shield Building Vent Low Range (below CCS C-S pump transfer	5
6.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-S pump transference of the shield Building Vent High Range (below CCS C-	* < 0.1
	6900 V shutdown board room), Elev. 734, RM-90-261 mR/br	er switch, 13
7.	The state of the s	
8.	Elev. 690 pipe chase), RM-90-275, mR/hr Reactor Coolant Drain Tank Pump Discharge (on sheild wall,	10
0	biev. 030 pipe chase). KM-90-2/6 mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase),	
	Kn-90-2//, 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
13.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	¥ < 103
	Kin rump Room B-B High Kange, Elev. 653 RM-Q0-203 mp/h-	¥ - 103
15.	condenser vacuum Pump Air Exhaust Low Range, Fley 732	* 10-
16.	Turbine Building, RM-90-255, mR/hr Condenser Vacuum Pump Air Exhaust High Range, Elev. 732	* <0.1
	Turbine Building, RM-90-256, mR/hr	* < 103

Remarks:

NOTE & INDICATES MINIMUM METER INDICATION

Data	by:	

Attachment 2

UNIT STATUS UPDATE

Date	e 2/6/85 Time	2 hours	3 ms Unit	/	
1.	Condensate Storage Tank Le	vel, ft. A	29'	B 29'	
3. 1	Steam Generator Heat Sink Auxiliary Feedwater Flow As Steam Generator Level (nar	vailable V	1 5 2	tmosphere No	2
5. 8	Steam Generator Level (wide	range) %	(LI-3-39) 7 1 80 2	80 3 7	-94) (LI-3-107
6. 5	Steam Generator Pressure, p	sig	1 980 2	990 3 7	(LI-3-98)
7. S	Source Range, cps N31	O N32	(P! - I - ZA) (#1-1-9A) (PI-1	-20A) (PI-1-27A
8. I	Intermediate Range, ma N35	10	(X1-92-5002B) N36 7X 10	-7	
	Pressurizer Level, % 2	(E1-92-5003B	(EI-92-5	50048)	
10. P	Pressurizer Pressure, psig	8-335) (LI- Wide Range	68-320) 2190	Narrow Range	1100
	Reactor Coolant Loop 4 Hot		PI-68-342A) psig 2/88	Narrow Range (1-68-340A)
	Reactor Coolant System T _{Hot}			66)	0 / 540
13. R	Reactor Coolant System Tcol	(wide range)	°F 1545	8-1) 2 54E 3 C	(TR-68-43)
14. Re 15. En 16. RV	Reactor Coolant Pumps running Emergency Core Cooling System RWST Level, % 90	ig 1 Y	es 2 Yes	-68-18) 3 /es 4 ection Rec	(TR-68-60) Ves irculation
17. Co	Containment Sump Level, %	(L1-63-51)			
18. Co	Containment Spray Flow, gpm	(LI-63-176) A-A 0	8-3	0	
19. Co	Containment Pressure, psid	(+) .09	(+) .10	2-34)	
0. In	ncore Thermocouples, °F	(PI-30-44 1 555	2 555 3	550 4 55	0
****		(60)	(54)	(44)	0
EMARK:	KS:				

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

ower Containment sample valve status Open Open Open	Closed Closed
Lower Containment Particulate, RM-90-106A, cpm	5.000
. Lower Containment Total Gas RM-90-106B	10,000
. Lower Containment Todine RM-90-1060 com	1,000
. Upper containment Particulate RM-90-112 com	7500
. Opper containment Total Gas RM-90-1128 com	15000
	3000
	200
	50
. Shield Building Vent Iodine, RM-90-100C, cpm . Auxiliary Building Vent Particulate,	10
RM-90-101A, cpm Auxiliary Building Vent Total Gas	250
KA-90-101B, CDM	80
Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
. Steam Generator Blowdown, RM-90-120A com	5000
. Steam Generator Blowdown, RM-90-121A com	The state of the s
Condenser Vacuum Pump Air Exhaust Low Range	4000
Condenser Vacuum Pump Air Exhaust, High Range	30
871-90-119, CDM	450
ERCW Discharge Header A, RM-90-133A, cpm	THE RESIDENCE OF THE PERSON NAMED IN COLUMN 2 IN COLUM
ERCW Discharge Header A. RM-90-140A com	800
ENCW Discharge Header B. RM-90-1344 com	1500
ERCW Discharge Header B, RM-90-141A, cpm	500

Remarks:

Data	By:			
	100	The Property of the Control of the C	1	
			THE RESERVE OF THE PARTY OF THE	Additional and the second seco

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Dat	e 2/6/85 Time T= 2 hrs. 3 min Uni	t /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure	
2.	Elev. 703, Kn-90-2/1, K/nr	^
	Elev. 763, Kn-90-272, K/hr	^
3.	Lower Containment High Range (inside polar crane wall bet	ween
4.	30 5 #2 and #3), Elev. /15, RM-90-273 R/hr	9
**	Lower Containment High Range (inside polar crane wall, bet SG's #1 and #4), elev. 715, RM-90-274, R/hr	ween
5.	Shield building Vent Low Range (helow CCS C-S nume toward)	5
	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	r switch,
6.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discount Process	er switch.
7.	Reactor Coolant Drain Took D. Elev. 734, RM-90-261, mR/hr	¥ < 10°
	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall	
0	Elev. 090 pipe chase), RM=90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sumo Pump	
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	4
10.	Reactor Building Floor and Equipment Drain Sump Pump	20
	Discharge, (on shield wall, Elev. 690 pine chase)	
11.	M1-90-2/8, MK/Nr	15
12.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10.
13.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	* < 10 ³
14.	man rump Room B-B High Range, Fley 653 RM-00-202 mp/b-	2 3 1
15.	Condenser vacuum rump Air Exhaust Low Range Fley 722	* 5103
16.	Totale building, km-90-255, mR/hr	* <0.1
	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	
		* <103

Remarks:

NOTE & INDICATES MINIMUM METER INDICATION

Data	hu.	
Data	uy.	/

w 2 % v

Attachment 2

UNIT STATUS UPDATE

Da	te 2/6/85 Time 2 hours 10 min Unit /
1.	Condensate Storage Tank Level, ft. A 29' B 29'
2.	Steam Generator Heat Sink Condenser (LI-2-230A) (LI-2-233A)
3.	Auxiliary Feedwater Flow Available Yes X
4.	Steam Generator Level (narrow range), % 1 5 2 6 3 0 4
5.	Steam Generator Level (wide range) % 1 80 2 80 3 58 4 76
6.	Steam Generator Pressure, psig 1 985 2 980 3 750 4 985
7.	Source Range, cps N31
8.	Intermediate Range, ma N35 SX 10 -9 (XI-92-5002B) -9 N36 SX 10 -9
9.	Pressurizer Level, % 26 (E1-92-5003B) (E1-92-5004B)
10.	Pressurizer Pressure, psig Wide Range 2/95 Narrow Range 2/50
11.	Reactor Coolant Loop 4 Hot Leg Pressure, psig 2/50 (PI-68-340A)
12.	Reactor Coolant System THot (wide range) F 1 540 2 535 3 510 4 540
13.	Reactor Coolant System T _{Cold} (wide range)°F 1 540 2 535 3 510 4 540
14.	Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes
15.	DHELKEHEV OFF LOOLING Status Charles
16.	RWST Level. % 87 85
17.	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm A-A B-B
19.	Containment Pressure, psid (+) .// (+) .// (+) .//
20.	Incore Thermocouples, °F 1 547 2 545 3 540 4 545 (60) (54) (44)
REMA	RKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Lowe	er Containment sample valve status Open	Closed
Uppe	er Containment sample valve status Open	Closed
1.	Lower Containment Particulate, RM-90-106A, cpm	5.000
3.	Lower Containment Total Gas. RM-90-106R com	10,000
4.	Lower Containment Todine, RM-90-106C, cpm Upper Containment Particulate, RM-90-112, cpm	1,000
5.	Upper Containment Total Gas, RM-90-112, cpm	7500
6.	Upper Containment Iodine, RM-90-112C, cpm	15000
7.	Shield Building Vent Particulate RM-90-1004 com	3000
8.	Shield Building Vent Total Gas RM-90-1108 com	200
9.	onield building vent lodine, RM-90-100C, com	50
0.	Auxiliary Building Vent Particulate -	
1.	RM-90-101A, cpm	250
	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	
2.	Auxiliary Ruilding Vest Indian Pu on and	80
3.	Auxiliary Building Vent Iodine, RM-90-101C, cpm Steam Generator Blowdown, RN-90-120A, cpm	
4.	Steam Generator Blowdown, RM-90-121A, cpm	5000
5.	Condenser Vacuum Pump Air Exhaust, Low Range,	4000
	M1-90-99, CDM	
6.	Condenser Vacuum Pump Air Exhaust High Pages -	30
	541-90-119, Cpm	450
7.	ERCW Discharge Header A, RM-90-133A, cpm	The second secon
8.	ENCW Discharge Header A. RM-90-140A com	800
).	Encw Discharge Header B. RM-90-1344 com	1500
<i>y</i> .	ERCW Discharge Header B, RM-90-141A, cpm	500
		200
mar	ks:	

Attackment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	e 2/6/85 Time T= 2 hours 10min. Uni	t /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure).
2.	Elev. 785, RM-90-271, R/hr Upper Containment High Range (top of SG #1 and #4 enclosur	^
	Biev. 700, Kn-90-272, K/hr	^
3.	Lower Containment High Range (inside polar crane wall, bet	ween
4.	30 3 1/2 and 1/3), Elev. /15, RM-90-273 R/hr	0
	Lower Containment High Range (inside polar crane wall, bet SG's #1 and #4), elev. 715, RM-90-274, R/hr	ween
5.	Shield Building Vent Low Range (heley CCC C.C.	5
	6900 V shutdown board room), elev. 734. RM-90-260 mg/hr	r switch,
6.	Shield Building Vent High Range (below CCS C-S pump transfer	er switch
7.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (an abh.)	¥ < 103
	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall,	10
	Elev. 090 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	
10.	Reactor Building Floor and Equipment Drain Sump Pump	20
	Discharge, (on shield wall, Elev. 690 pine chase)	
	M1-90-2/8, mK/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
13.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	¥ < 103
4.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	2,
5.	Condenser vacuum Pump Air Exhaust Low Range, Fley 732	* < 103
,	rurbine building, RM-90-255, mR/hr	* <0,1
6.	Condenser Vacuum Pump Air Exhaust High Range, Fley 732	7 \011
	Turbine Building, RM-90-256, mR/hr	* < 103

Remarks:

Data	by:			
		The state of the s	/	

Attachment 2

UNIT STATUS UPDATE

Da	te 2/6/85 Time 2 hours 20 min. Unit /
1.	Condensate Storage Tank Level, ft. A 29' B 29'
2. 3. 4.	Steam Generator Level (narrow range) % 1
5.	Steam Generator Level (wide range) % 1 80 2 30 3 45 4 78 Steam Generator Properties Properties (LI-3-98)
6.	Steam Generator Pressure, psig 1 985 2 985 3 600 4 990
7.	Source Range, cps N31 8x10 N32 8x10 (PI-1-2A) (PI-1-2A) (PI-1-2A) (PI-1-2A) (PI-1-2A)
	Intermediate Range, ma N35 (XI-92-5002B) N36 (N36 10-11
	Pressurizer Level, % 28 (EI-92-5003B) (EI-92-5004B)
	Pressurizer Pressure, psig Wide Range 2100 Narrow Range 2100
	Reactor Coolant Loop 4 Hot Leg Pressure, psig 2100 (PI-68-340A)
	Reactor Coolant System T _{Hot} (wide range) oF 1 535 2 535 3 470 4 530
13.	Reactor Coolant System T _{Cold} (wide range)°F 1 530 2 535 3 465 4 530 Reactor Coolant Pumps running 1 Va. 2 Var.
15.	Emergency Core Cooling Syst Status Standby Injection Recirculation
	Containment Sump Level, % (LI-63-51)
	Containment Spray Flow, gpm A-A B-B
19.	Containment Pressure, psid (+) . // (F1-72-34)
20.	Incore Thermocouples, °F 1 5 40 2 535 3 530 4 535
REMA	RKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Lower Containment sample valve status Open Upper Containment sample valve status Open	Closed
1. Lower Containment Particulate, RM-90-106A, cpm 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	5000 10,000
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 8. Shield Building Vent Total Gas, RM-90-110B, cpm	7500 15000 3000 200
O. Auxiliary Building Vent Iodine, RM-90-100C, cpm RM-90-101A, cpm	
 Auxiliary Building Vent Total Gas, RM-90-101B, cpm Auxiliary Building Vent Iodine, RM-90-101C, cpm Steam Generator Blowdown, RN-90-120A, cpm 	80
 Steam Generator Blowdown, RN-90-120A, cpm Steam Generator Blowdown, RM-90-121A, cpm Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm 	5000
6. Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm 7. ERCW Discharge Header A, RM-90-133A, cpm	30 450
8. ERCW Discharge Header A, RM-10-140A, cpm 9. ERCW Discharge Header B, RM-90-134A, cpm 0. ERCW Discharge Header B, RM-90-141A, cpm	800 1500 1000
	500
emarks:	

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

	2/6/85 Time T= 2 hrs. 20 min Uni	t /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure	
	Elev. 785, RM-90-271, R/hr Upper Containment High Range (top of SG #1 and #4 enclosur	^
	Liev. 703, KM-90-272, K/hr	^
	Lower Containment High Range (inside polar crane wall, bet SG's #2 and #3), Elev. 715, RM-90-273, R/hr	O .
4.	Lower Containment High Range (inside polar crans well bear	ween
5.	Shield Building Vent Low Range (below CCS C S	5
6.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* < 0.1
0.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (on shield well	er switch,
	Elev. 690 pipe chase), RM-90-275, mR/hr Reactor Coolant Drain Tank Pump Discharge (on sheild wall,	10
	biev. 090 pipe chase). KM-90-276 mR/h-	20
I	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase),	
	M1-90-2//, mK/nr	20
I	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase),	
T.	01-90-2/8, mR/hr	15
12. R	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	¥ < 10 ³
	tump Room b-b Low Kange. Flev. 653 RM-90-292 mp/h-	* < 10 ³
15. C	OHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr condenser Vacuum Pump Air Exhaust Low Range, Elev. 732	* < 103
	atothe building, KM-90-255 mg/hr	* <0.1
A	ondenser Vacuum Pump Air Exhaust High Range, Elev., 732 urbine Building, RM-90-256, mR/hr	* <103

Remarks:

Data	by:	

Attachment 2

UNIT STATUS UPDATE

Da	te 2/6/85 Time 2 hours 25 nin Unit /
1.	Condensate Storage Tank Level, ft. A 29' B 28'6"
2.	Steam Generator Heat Sink Condenser (LI-2-230A) (LI-2-233A)
3.	
4.	NI RAM LONGVATOR LAW-1
	(11-3-20) (11 52) (11 52)
5.	Steam Generator Level (wide range) % 1 80 2 80 3 (LI-3-94) (LI-3-10 (LI-3-98)
6.	Steam Generator Pressure, psig 1 985 2 975 3 560 4 900
7.	Source Range, cps N31 10 N32 1985 2 975 3 560 4 980 (PI-1-20A) (PI-1-20A) (PI-1-27A)
8.	Intermediate Range, ma N35 (XI-92-5001B) (XI-92-5002B) N36 (XI-92-5002B)
	(FI-92-5003R) 7FI 02 50078
,.	riessultzer Level, % 18
10.	Pressurizer Pressure, psig Wide Range 2100 Narrow Range 2100
	Reactor Coolant Loop 4 Hot Leg Pressure, psig 2100 (PI-68-340A)
	Reactor Coolant System T (wide represent (PR-68-66)
13.	Reactor Coolant System T. (wide range) F 1 530 2 535 3 460 4 530 (TR-68-1) (TR-68-43)
	Reactor Coolant System T _{Cold} (wide range)°F 1 530 2 530 3 460 4 52 5
	Nedelof Coolant Pumye gues a
15.	Emergency Core Cooling System Status Standby Lycs 4 Yes
16.	
	(LI-63-50) (II-63-51)
17.	containment Sump Level, %
	(11-62-174)
10.	Concariment Spray Flow, gpm A-A 8 B-B
	Containment Pressure, psid (+).// (FI-72-13) (FI-72-34)
20	(PI-30-44) (PI-30-45)
20.	Incore Thermocouples, °F 1 5 40 2 535 3 535 4 5 40
	(41)
REMA	RKS:

Data by: ____/

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

1.	r Containment sample valve status Open r Containment sample valve status Open Lover Containment Paris	Closed Closed
2.	Lower Containment Particulate, RM-90-106A, cpm Lower Containment Total Gas, RM-90-106B, cpm	5,000
3.		10,000
4.	PPCA CUILGIIIIIPIII PAPPICULARA DI AA	1,000
5.		7500
6.		15000
7.		3000
8.		200
9.		50
10.		10
11.	Auxiliary Building Vent Total Con	250
	idi yo-lolb, com	80
3.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
		5000
	The state of the s	
1	Condenser Vacuum Pump Air Exhaust, Low Range,	4000
6. (Condenser Vacuum Pump Air Exhaust, High Range,	30
7. E	CRCW Discharge Header A, RM-90-133A, cpm	450
	- Distindige neader a DM-00 1/04	800
	men bischaffe header R PM-00-12/1	1500
). E	RCW Discharge Header B, RM-90-141A, cpm	1000
		500

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	2/6/85 Time T=2 hrs 25 min Uni	t /
1.),
2.	Upper Containment High Range (top of SG #1 and #4 enclosure	0
3.	Elev. 765, KM-90-272, R/hr	^
	Lower Containment High Range (inside polar crane wall, bets SG's #2 and #3), Elev. 715, RM-90-273, R/hr	Q
4.	Lower Containment High Range (inside polar crane wall both	ween
5.	SG's #1 and #4), elev. 715, RM-90-274, R/hr Shield Building Vent Low Range (below CCS C S pump transfer	A
	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	r switch,
6.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfer 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (on this line)	er switch, 2
7.	The state of the s	* < 10
8.	biev. 090 pipe chase). KM-90-275 mR/hr	10
	Reactor Coolant Drain Tank Pump Discharge (on she wall, Elev. 690 pipe chase), RM-90-276, mR/hr	20
9.	Reactor Building Floor and Equipment Drain Sump Dunn	
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Fournment 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 mP/h-	15
12.	Kilk rump Room A-A High Range, Elev. 653 RM-00-201 mp/h-	¥ < 103
14.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	× 2
15.	Condenser vacuum rump Air Exhaust Low Range Flow 722	* < 103
16.	Turbine Building, RM-90-255, mR/hr Condenser Vacuum Pump Air Exhaust High Range, Elev. 732	* <0.1
	Turbine Building, RM-90-256, mR/hr	* < 103

Remarks:

Data by:	15. 15. 16. 16. 16. 16. 16. 16. 16. 16. 16. 16

Attachment 2

UNIT STATUS UPDATE

Da	te 2/6/85 Time 2 hr. 30 min. Unit 1
1.	Condensate Storage Tank Level, ft. A 29' B 28'6"
2. 3. 4.	Steam Generator Heat Sink Condenser Auxiliary Feedwater Flow Available Steam Generator Level (narrow range), %! (L1-2-230A) (L1-2-233A) Atmosphere No
5.	Steam Generator Level (wide range) % 1 80 2 80 3 35 4 29
6.	Steam Generator Pressure, psig 1 980 2 925 3 550 4 990
7.	Source Range, cps N31 5 x 10 2 N32 5 x 10 (PI-1-9A) (PI-1-20A) (PI-1-27A)
8.	Intermediate Range, ma N35 (XI-92-5002B) N36 (N3-92-5002B) N36 (N3-92-5002B)
9.	Pressurizer Level, % (EI-92-5003B) (EI-92-5004B) (LI-68-335) (LI-68-320)
10.	Pressurizer Pressure, psig Wide Range 2100 Narrow Range 2100
11.	Reactor Coolant Loop 4 Hot Leg Pressure, psig 2/00 (PI-68-340A)
12.	Reactor Coolant System T _{Hot} (wide range) oF 1 530 2 535 3 450 4 530
13.	Reactor Coolant System T _{Cold} (wide range) of 1530 2530 3 450 4 C
14.	Reactor Coolant Pumps running Emergency Core Cooling System Status RWST Level, % 35 (TR-68-18) (TR-68-18) (TR-68-18) (TR-68-60) A yes Recirculation
17.	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm A-A B-B B-B
19.	Containment Pressure, psid (+).// (PI-30//) (+)(FI-72-34)
20.	Incore Thermocouples, °F 1 5 40 2 5 3 5 3 5 3 5 4 5 40 (60)
REMA	RKS:

Data by:

-()-

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

2. Lower Containment Total Gas, RM-90-106B, 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 8. Shield Building Vent Total Gas, RM-90-110B, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm 10. Auxiliary Building Vent Particulate, RM-90-101A, cpm 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 18. ERCW Discharge Header A, RM-90-140A, cpm 19. Containment Iodine, RM-90-136A, cpm 19. Containment Iodine, RM-90-140A, cpm 19. Containment Iodine, RM-90-136A, cpm 19. Containment Iodine, RM-90-12C, cpm 19.	Closed
2. Auxiliary Building Vent Iodine, RM-90-101C, cpm 3. Steam Generator Blowdown, RM-90-120A, cpm 4. Steam Generator Blowdown, RM-90-121A, cpm 5. Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm 6. Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm 7. ERCW Discharge Header A, RM-90-133A, cpm 8. ERCW Discharge Header A, RM-90-140A, cpm 8. ERCW Discharge Header A, RM-90-140A, cpm	5,000 1,000 1,000 1500 15000 200 50 10
6. Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm 7. ERCW Discharge Header A, RM-90-133A, cpm 8. ERCW Discharge Header A, RM-90-140A, cpm	80 10 5000 4000
o. Entw Discharge Header A. RM-90-1404 com	30 450
9. ERCW Discharge Header B, RM-90-134A, cpm 0. ERCW Discharge Header B, RM-90-141A, cpm	800 1500 1000 500
marks:	

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	e 2/6/85 Time T=2 hr. 30 min Uni	t /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure),
2.	Elev. 785, RM-90-271, R/hr Upper Containment High Range (top of SG #1 and #4 enclosur	^
3.	Elev. 705, Km-90-2/2, R/hr	^
٥.	Lower Containment High Range (inside polar crane wall, bet SG's #2 and #3), Elev. 715, RM-90-273, R/hr	Q
4.	Lower Containment High Range (inside polar crane wall bet	Veen 0
	50 5 1/1 and 1/4), elev. /15. RM-90-274 R/hr	4
5.	Shield Building Vent Low Range (below CCC C C	-
6.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (an ability of the coolant Drain Tank Dr	* < 0.1
	6900 V shutdown board room) Flow 72/ PM 60 26/1	er switch, 3
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall,	+ < 10
	biev. 690 pipe chase), RM-90-275, mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall	
9.	Elev. 690 pipe chase), KM-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	10
10.	Reactor Building Floor and Equipment Drain Sump Pump	20
	Discharge, (on shield wall, Elev. 690 pipe chase)	
	Rn-90-2/8, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
13.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	* < 103
14.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	2,
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732	* < 103
	Turbine Building, RM-90-255, mR/hr	* <0.1
16.	Condenser Vacuum Pump Air Exhaust High Range Fley 732	
	Turbine Building, RM-90-256, mR/hr	¥ < 103

Remarks:

Data	by:	

Attachment 2

UNIT STATUS UPDATE

Dat	e 2/6/85 Time 2hr. 35 niv. Unit /
	Condensate Storage Tank Level, ft. A28'6" B 28'
3.	Steam Generator Heat Sink Condenser Auxiliary Feedwater Flow Available Steam Generator Level (narrow range), % 1 Resulting (LI-2-233A) Atmosphere No 3 4 18
5.	Steam Generator Level (wide range) % 1 80 2 80 3 25 4 78
6.	Steam Generator Pressure, psig 1 980 2 9753 250 4 980
7.	Source Range, cps N31 4 X10 N32 4 X 10 (PI-1-9A) (PI-1-20A) (PI-1-27A)
8.	Intermediate Range, ma N35 10-" N36 10-"
9.	Pressurizer Level, % 30 29
10.	Pressurizer Pressure, psig Wide Range 2050 Narrow Range 2050
11.	Reactor Coolant Loop 4 Hot Leg Pressure, psig 2050 (PI-68-340A)
12.	Reactor Coolant System T _{Hot} (wide range)°F 1 525 2 530 3 450 4 525 (TR-68-1)
13.	Reactor Coolant System Toold (wide range) of 1 520 2 530 3 450 4 525
15.	Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes RWST Level, % 30 1 Yes 2 Yes 3 Yes 4 Yes Recirculation
17.	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm A-A B-B
19.	Containment Pressure, psid (+) .// (+) ./0
20.	Incore Thermocouples, °F 1 540 2 535 3 535 4 540 (60) (54)
REMA	RKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Uppe	r Containment sample valve status Open	Closed Closed
1.	Lower Containment Particulate, RM-90-106A, cpm	5.000
2.	Lower Containment Total Gas. RM-90-106B CDM	10,000
3.	Lower Containment Iodine, RM-90-106C, cpm	1,000
5.	Upper Containment Particulate, RM-90-112, cpm	7500
	Upper Containment Total Gas, RM-90-112B, cpm	15000
6.	Upper Containment Iodine, RM-90-112C, cpm	3000
	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	
0.	Auxiliary Building Vent Particulate,	
,	RM-90-101A, cpm	250
1.	Auxiliary Building Vent Total Gas,	
2	RM-90-101B, cpm	80
2.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
3.	Steam Generator Blowdown, RN-90-120A, com	5000
5.	Steam Generator Blowdown, RM-90-121A, cpm	4000
٠.	Condenser Vacuum Pump Air Exhaust, Low Range,	100
6.	M1-90-99, CDM	30
0.	Condenser Vacuum Pump Air Exhaust, High Range,	
7.	K11-90-119, CPM	450
	ERCW Discharge Header A, RM-90-133A, cpm	800
	ERCW Discharge Header A, RM-90-140A, cpm	1500
	ERCW Discharge Header B, RN-90-134A, cpm	1000
	ERCW Discharge Header B, RN-90-141A, cpm	500
3.0		200

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Dat	e 2/6/85 Time T= 2 hr. 35 min Uni	it /
1.	The state of the s	.).
2.	Liev. 703, Kil-90-2/1, K/Nr	^
	Elev. 700, Km-90-2/2, R/hr	^
3.	Lower Containment High Range (inside polar crane wall, bet SG's #2 and #3), Elev. 715, RM-90-273, R/hr	ween
4.	Lower Containment High Range (inside polar crans well have	8 ween
5.	50 5 11 and 14), elev. /15. km-90-274 R/hr	h
	Shield Building Vent Low Range (below CCS C-S pump transfe 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	v cal
6.	Shield Building Vent High Range (below CCS C-S pump transf 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	and the state of t
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall	¥ < 10 ³
8.	Elev. 690 pipe chase), RM-90-275, mR/hr Reactor Coolant Drain Tank Pump Discharge (on sheild wall,	
9.	Elev. 090 pipe chase), KM-90-276, mR/hr	20
7.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase),	
10.	RM-90-2//, mR/hr	20
	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase),	
11.	RM-90-278, mR/hr RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	15
12.	Min rump Room A-A High Range, Elev. 653 RM-90-201 mp/h-	¥ < 103
13. 14.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	2,
15.	Condenser vacuum Pump Air Exhaust Low Range, Fley 732	* < 103
16.	Turbine Building, RM-90-255, mR/hr Condenser Vacuum Pump Air Exhaust High Range, Elev. 732	* <0.1
	Turbine Building, RM-90-256, mR/hr	* <103

Remarks:

Data by:	

Attachment 2

UNIT STATUS UPDATE

Dat	te 2/6/85 Time 2 4rs. 45 min. Unit /
1.	Condensate Storage Tank Level, ft. A 28' B 28'
2.	Steam Generator West Siely (LI-2-230A) (LI-2-233A)
	Auviliant Fooduston Flore Aurilia
4.	Stoam Conovator I am 1
5.	Steam Generator Level (wide range) % 1 80 2 28 3 ~10 4 80
6.	Steam Generator Pressure, psig 1 900 2 890 3 150 4 900
7.	Source Range, cps N31 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
8.	Intermediate Range, ma N35 (XI-92-5002B) N36 (NI-92-5002B) N36 (NI-92-5002B)
9.	Pressurizer Level, % (EI-92-5003B) (EI-92-5004B) (LI-68-335) (LI-68-320)
10.	Pressurizer Pressure, psig Wide Range 2000 Narrow Range 1950
11.	Reactor Coolant Loop 4 Hot Leg Pressure, psig 1950 (PI-68-340A)
	Reactor Coolant System T _{Hot} (wide range)°F 1 500 2 510 3 450 4 510
13.	Reactor Coolant System T _{Cold} (wide range)°F 1 500 2 510 3 450 4 510 Reactor Coolant Pumps running 1 Vac 2 V(TR-68-18) (TR-68-60)
14.	Reactor Coolant Pumps running 1 Yes 2 Yes 3 Yes 4 Yes RWST Level, % 1 Transport of the cooling System Status Standby X Injection Recirculation
15.	Emergency Core Cooling System Status Standby 12 July 195 4 Yes
16.	RWST Level, % /5 (LI-63-50) (LI-63-51)
17.	Containment Sump Level, % (LI-63-176)
18.	Containment Spray Flow, gpm A-A O B-B O
19.	Containment Pressure, psid (+).10 (+).10 (+).10
20.	Incore Thermocouples, °F $1 \frac{(PI-30-44)}{520} 2 \frac{(PI-30-45)}{500} 3 \frac{500}{(44)} 4 \frac{520}{(41)}$
REMA	RKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

 Lower Containment Particulate, RM-90-106A, cpm Lower Containment Total Gas, RM-90-106B, cpm Lower Containment Iodine, RM-90-106C, cpm Upper Containment Particulate, RM-90-112, cpm 	5,000
4. Opper Containment Particulate RM-90-112 com	1,000
o. opper containment Total Gas. RM-90-1128 com	1500
7. Shield Building Vent Particulate. RM-90-100A com	3000
9. Shield Building Vent Total Gas, RM-90-110B, cpm	50
RM-90-101A, cpm	250
 Auxiliary Building Vent Total Gas, RM-90-101B, cpm 	
Auxiliary Building Vent Iodine, RM-90-101C, cpm Steam Generator Blowdown, RN-90-120A, cpm	80
Steam Generator Blowdown, RM-90-121A, cpm Condenser Vacuum Pump Air Exhaust, Low Range,	5000
M1-90-99, Cpm	30
RM-90-119, cpm	450
. ERCW Discharge Header A. RM-90-140A com	800 1500
ERCW Discharge Header B, RM-90-134A, cpm ERCW Discharge Header B, RM-90-141A, cpm	1000
	500

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Dat	e 2/6/85 Time T= 2 hr. 45 min Unit	1
1.	Upper Containment High Range (top of SG#2 and #3 enclosure),	
2.	Liev. 703, Kii-90-2/1, K/hr	^
-	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	en
4.	30 5 1/2 and 1/3), Elev. /15. RM-90-273 R/hr	Q
	Lower Containment High Range (inside polar crane wall, betwee SG's #1 and #4), elev. 715, RM-90-274, R/hr	4
5.	Shield Building Vent Low Range (helow CCS C-C nump transfer	switch.
6.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfer	u cal
	sidedown board room). Flev /34 RM-Qn-761 mp/h-	¥ < 103
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall	10
9.	Elev. 090 pipe chase), RM-90-276, mR/hr	20
7.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase),	
10	M1-90-2//, mk/nr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase),	
	RH-90-2/8, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10_
13.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr RHR Pump Room R-B Low Range, Elev. 653, RM-90-292, mR/hr	t < 10 ³
14. 15.	KAR Pump Room B-B High Range, Elev. 653, RM-90-293 mk/br	< 103
13.	Condenser Va uum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	
16.	Condenser Vacuum Pump Air Exhaust High Range, Fley 732	<0.1
	Turbine Building, RM-90-256, mR/hr	< 103

Remarks:

Data	bv:	

Attachment 2

UNIT STATUS UPDATE

Dat	te_2/6/85 Time 3 hrs. Unit /
1.	Condensate Storage Tank Level, ft. A 27' B 27'
3.	Steam Generator Heat Sink Condenser Auxiliary Feedwater Flow Available Yes (LI-2-230A) Atmosphere No
	Steam Generator Level (narrow range), % 1 33 2 33 3 0 4 3/ (LI-3-39) (LI-3-52) (LI-3-94) (LI-3-107)
	Steam Generator Level (wide range) % 1 80 2 80 3 0 4 80 Steam Generator Pressure, psig 1 520 2 565 3 0 (LI-3-98)
7.	Source Range, cps N31 200 N32 (PI-1-9A) (PI-1-9A) (PI-1-27A)
	Intermediate Range, ma N35 (XI-92-5002B) (XI-92-5002B) (EI-92-5003B) (EI-92-5004B)
	Pressurizer Level, % 3 (11-68-335)
	Pressurizer Pressure, psig Wide Range 1875 Narrow Range 1890
	Reactor Coolant Loop 4 Hot Leg Pressure, psig 1870
	Reactor Coolant System THot (wide range) F 1 475 2 470 3 460 4 470
13.	Reactor Coolant System T _{Cold} (wide range)°F 1 420 2 425 3 460 4 420 (TR-68-43) (TR-68-18)
15. 16.	Emergency Core Cooling System Status Standby X Injection Recirculation
17.	(LI-63-50) (LI-63-51) Containment Sump Level, % (LI-63-176)
18	Containment Spray Flow, gpm A-A 8-B 0
	Containment Pressure, psid $(+)^{(F1-72-34)}$ $(+)^{(F1-72-34)}$ $(+)^{(F1-30-45)}$
20.	Incore Thermocouples, °F 1 480 2 480 3 475 4 485
REMA	RKS:

Data by: _____/

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

ower Containment sample valve status Open oper Containment sample valve status Open	Closed Closed
Lower Containment Particulate, RM-90-106A, cpm	5.000
Lower Containment Total Gas, RM-90-106B, cpm	10,000
	1,000
TET TO THE LALLET COLORER NIT TO COM	7500
- FF	15000
-FF- Somestimente Touthe, MI-30-11XI. Com	3000
The rate of the ra	200
The state of the s	50
. Shield Building Vent Iodine, RM-90-100C, cpm . Auxiliary Building Vent Particulate,	10
RM-90-101A, cpm	
. Auxiliary Building Vent Total Gas,	250
RM-90-101B, cpm	0.
. Auxiliary Building Vent Iodine, RM-90-101C, cpm	80
. Steam Generator Blowdown, RN-90-120A, cpm	10
Steam Generator Blowdown, RM-90-121A, cpm	5000
. Condenser Vacuum Pump Air Exhaust, Low Range,	4000
R1-90-99, Cpm	20
. Condenser Vacuum Pump Air Exhaust, High Range	30
K:1-90-119, Cpm	450
ERCW Discharge Header A, RM-90-133A, cpm	
. ERCW Discharge Header A. RM-90-140A com	800
ERCW Discharge Header B. RM-90-134A com	1500
ERCW Discharge Header B, RM-90-141A, cpm	500
기계 가지 때문에 가장된 사람이 되는 것이 되는 것이 되는 것이 되어 되었다.	500

Data	By:	

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Dat	e $\frac{2/6}{85}$ Time $T = 3 hrs.$ Uni	t /
1.	The state of the s	.),
2.	Upper Containment High Range (top of SC #1 and #/ opplease	^
3.	Liev. 765, Kn-90-272, K/hr	^
4.	55 5 1/2 and 1/3), Elev. /13. RM=90=273 R/h=	Q
5.	Lower Containment High Range (inside polar crane wall, bet SG's #1 and #4), elev. 715, RM-90-274, R/hr	ween 5
	Shield Building Vent Low Range (below CCS C-S pump transfe 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	r switch,
6.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transf 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (on abial december)	er switch,
7.	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),	
10.	RM-90-277, mR/hr Reactor Building Floor and Equipment Drain Sump Pump	20
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	
11. 12.	RHR Pump Room A-A Low Range, Elev. 653 RM-90-290 mp/hr	15
13.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	* < 10 ³
15.	Condenser Vacuum Pump Air Exhaust Low Range Fley 732	* < 103
16.	Condenser Vacuum Pump Air Exhaust High Range Fley 732	* <0.1
	Turbine Building, RM-90-256, mR/hr	* <10 ³

Remarks:

Data	bv:	
	-	

Attachment 2

UNIT STATUS UPDATE

Da	te 2/6/85	Time 3	bes .	30min	Unit	1		
1.	Condensate Storage Tan			A 26'6	**	B 26'	6"	
2. 3. 4.	Steam Generator Heat S Auxiliary Feedwater Fl Steam Generator Level	ow Avail	lable	Yes X % 1 3/	Atmo	(LI-2-2 Osphere No	233A) X 4 3	
5.	Steam Generator Level	(wide ra	ange)	% 1 78	9) (LI-	The same of the sa	Y A ATT THE	3-107
6.	Steam Generator Pressu	re, psíg	3	1 460		65 3	O 4 4	65
7.	Source Range, cps N31		5 N3:		A) (PI-	1-9A) (P	I-1-20A) (PI-	-1-27A
8.	Intermediate Range, ma	(XI-92- N35	10-1		10	"		
9.	Pressurizer Level, %	22	1-92-500	21	1-92-500	4B)		
10.	Pressurizer Pressure,	LI-68-3 Sig Wi	de Range	1800	Na	rrow Rang	1800	
	Reactor Coolant Loop 4			(PI-68-34) e, psig	1800		(PI-68-340A	.)
	Reactor Coolant System				PR-68-66 50 2	4553	4504 4	50
	Reactor Coolant System				50 2	450 3		
14.	Reactor Coolant Pumps r Emergency Core Cooling RWST Level, %	unning		1	(1K-0)	5-18)	4 Vos Recirculatio	60)
17.	Containment Sump Level,	50) %	(LI-63-5	1)				
18.	Containment Spray Flow,	gpm (L	I-63-176) A-A		В О			
19.	Containment Pressure, p	sid	(+) FI-7	2-13)	(FI-72-	34)		
20.	Incore Thermocouples, °	F	(PI-30- 1 476 (60)	2 4 7 (54	1-30-45) 5 3	425 4	475	
REMA	ARKS:							

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

uppe	r Containment sample valve status Open r Containment sample valve status Open	Closed
2.	Lower Containment Particulate, RM-90-106A, cpm	5,000
3.	Lower Containment Total Gas, RM-90-106B, cpm Lower Containment Iodine, RM-90-106C, cpm	10,000
4.	Upper Containment Particulate, RM-90-112, cpm	1,000
5.	Upper Containment Total Gas, RM-90-112B, cpm	7500
6.	Upper Containment Iodine, RM-90-112B, cpm - Shield Building	15000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	3000
8.	Shield Building Vent Total Gas, RM-90-100A, cpm -	200
9.	Shield Building Vent Iodine, RM-90-110B, cpm	50
0.	Auxiliary Building Vent Particulate,	
	Kri-90-101A, Cpm	250
	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	
2.	Auxiliary Building West Testing Dy on son	80
	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
	Steam Generator Blowdown, RN-90-120A, cpm —	5000
	Condenser Vacuum Pump Air Exhaust, Low Range,	4000
	RM-90-99, cpm	
6. (Condenser Vacuum Pump Air Exhaust, High Range,	30 -
I	RM-90-119, cpm	
7. I	ERCW Discharge Header A, RM-90-133A, cpm	450
3. F	RCW Discharge Header A, RN-90-140A, cpm	800
). F	RCW Discharge Header B, RN-90-134A, cpm	1500
). E	RCW Discharge Header B, RN-90-141A, cpm	1000
		500

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Dat	e 2/6/85 Time T= 3 hrs. 30 min Uni	it /
1.	Upper Containment High Range (top of SG#2 and #2 and #2	
2.	Elev. 785, RM-90-271, R/hr Upper Containment High Range (top of SG #1 and #4 enclosure Flev. 785, PM-90-272) R/hr	•
2	01CY, 703, NI-90-2/2, K/Nr	^
3.	Lower Containment High Range (inside polar crane wall, bet SG's #2 and #3), Elev. 715, RM-90-273, R/hr	ween
4.	Lower Containment High Range (inside polar crane wall bet	8
5.	30 3 1/1 and 1/4), elev. /15. KM-40-274 B/h-	6
	Shield Building Vent Low Range (below CCS C-S pump transfe 6900 V shutdown board room), elev. 734. RM-90-260 mR/hr	r switch,
6.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (on abial december)	er switch,
7.		¥ < 10°
8.	21cv. 050 pipe chase), km-90-275 mR/hr	10
	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr	2.0
9.	Reactor Building Floor and Equipment Drain Sump Pump	20
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	20
10.	Reactor Building Floor and Fourtment Drain Sump Dung	
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Fley 653 PM-30-200 mp/h-	15
13.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	* < 103
14.	min rump Room B-B High Range Fley 653 PM-00-202 -D/L-	¥ = 103
	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	× 10-
0.	Condenser Vacuum Pump Air Exhaust High Range Flow 722	* <0.1
	Turbine Building, RM-90-256, mR/hr	× <103

Remarks:

Data	by:	

Attachment 2

UNIT STATUS UPDATE

Dat	te 2/6/85 Time 4 hours Unit /
	Condensate Storage Tank Level, ft. A 26' B 36'
2.	Steam Generator Heat Sink Condenser Auxiliary Feedwater Flow Available (L1-2-230A) Atmosphere No
4.	Steam Generator Level (narrow range), % 1 33 2 3/ 3 0 4 32
5.	Steam Generator Level (wide range) % 1 80 2 80 3 0 4 79
6.	Steam Generator Pressure, psig 1 4/0 2 4/5 3 (LI-3-98)
7.	Source Range, cps N31 210 N32 (PI-1-2A) (PI-1-9A) (PI-1-2OA) (PI-1-27A)
8.	Intermediate Range, ma N35 (XI-92-5001B) (XI-92-5002B) N36 /0-//
9.	Pressurizer Level, % (EI-92-5003B) (EI-92-5004B)
10.	Pressurizer Pressure, psig Wide Range 1600 Narrow Range 1700
	Reactor Coolant Loop 4 Hot Leg Pressure, psig 1600 (PI-68-340A)
	Reactor Coolant System THot (wide range) F 1 420 2 425 3 425 4 420
	Reactor Coolant System T _{Cold} (wide range)°F 1 425 2 425 3 420 4 420
14. 15.	Reactor Coolant Pumps running Emergency Core Cooling System Status Standby X Injection RWST Level, % (TR-68-18) (TR-68-60) 4 Yes Recirculation
17.	Containment Sump Level, %
18.	Containment Spray Flow, gpm A-A B-B O
19.	Containment Pressure, psid (+)./5 (+)./3
20.	Incore Thermocouples, °F 1440 2 435 3 440 4 435 (60)
REMA	RKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

valve status valve status	Open	Closed Closed
rticulate, RM-90-	106A, cpm	5.000
tal Gas. RM-90-10	6R com	10,000
dine, RM-90-106C,	cpm	1,000
rticulate, RM-90-	112, cpm	7500
tal Gas, RM-90-11	2B, cpm	15000
dine, Kn-90-112C,	cpm	3000
Total Car DM 00	90-100A, cpm	200
Todana PM 00 10	-110B, cpm	50
not Particulate	oc, cpm	10
		250
ent Total Gas,		
T - 1:		80
ent lodine, RM-90.	-101C, cpm	10
lown, KM-90-120A,	cpm	5000
10wn, RM-90-121A,	cpm	4000
All Exhaust, Low	Kange,	
Air Fyhanet Wie	h Dansa	30
		450
A, RM-90-133A, c	pm	800
A, RM-90-140A, c	pm	1500
B, RM-90-134A, c	pm	1000
B, KM-90-141A, C	pm	508
E E	rticulate, RM-90-10 dine, RM-90-106C, rticulate, RM-90-112C, rticulate, RM-90-11 dine, RM-90-112C, Particulate, RM-90-110 dine, RM-90-10 dine, RM-90-10 dine, RM-90-10 dine, RM-90-10 dine, RM-90-120A, rticulate, rticulate	rticulate, RM-90-106A, cpm tal Gas, RM-90-106B, cpm dine, RM-90-106C, cpm rticulate, RM-90-112, cpm tal Gas, RM-90-112B, cpm dine, RM-90-112C, cpm Particulate, RM-90-100A,cpm Total Gas, RM-90-110B, cpm Iodine, RM-90-100C, cpm ent Particulate,

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Dat	e 2/6/85 Time T= 4 hours Uni	it /
1.	The second standard with the trop of stands and the	.)
2.	Upper Containment High Range (son of SC #1 and #/	
3.	Lower Containment High Range (inside poles	
4.	Lower Containment High Range (incide)	
5.		
6.	Shield Building Vent Low Range (below CCS C-S pump transfe 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	r switch,
7.	6900 V shutdown board room) Flow 734 PM 00 261	er switch,
	Elev. 690 pipe chase). RM-90-275 mP/hm	10
8.	Elev. 690 pipe chase). RM-90-276 mP/hz	
9.	Discharge, (on shield wall Fley 690 pine chare)	20
10.	Reactor Building Floor and Fourtment Desir Sure	20
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	
11.	RHR Pump Room A-A Low Range Fley 652 PM 05 200	15
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-291, mR/hr	¥ < 103
14.	Condenser Vacuum Pump Air Fybauet Tough, RM-90-293, mR/hr	* < 103
	Condenser Vacuum Pump Air Fybauet Wieb Person	* <0.1
	Turbine Building, RM-90-256, mR/hr	* <103

Remarks:

Data	by:	

Attachment 2

UNIT STATUS UPDATE

Da	te 2/6/85 Time 4 hrs. 10min Ur	nit/
1.	Condensate Storage Tank Level, ft. A 25 '6'	B 25'
2.	Steam Generator Heat Sink Condenser (LI-2-230A)	
3.	Auxiliary Feedwater Flow Available Yes	Atmosphere X
4.	Steam Generator Level (narrow range), % 1 3/	2 29 3 0 4 30
5.	Steam Generator Level (wide range) % 1 80	(LI-3-52) (LI-3-94) (LI-3-107) 2 80 3 10 4 80
6.	Steam Generator Pressure, psig 1 400	3-43) 2 405 3 ~55 4 400
7.	791 A10 N32 210	(PI-1-9A) (PI-1-20A) (PI-1-27A)
8.	Intermediate Range, ma N35 10 N36	10
9.	rressurizer Level, %	2-5004B)
10.	Pressurizer Pressure, psig Wide Range 500	Narrow Range OFF-SC914 lou
	Peastor Coolert Town (PI-68-342A)	(PI-68-340A)
	Reactor Coolant System THot (wide range) F 1 400	2 410 3 3904 410
	Reactor Coolant System T _{Cold} (wide range)°F 1 3 2	(TR-68-43) 5 2 380 3 390 4 385
	Paretas Carlos P	(TR-68-60)
15.	Emergency Core Cooling System Status Status	3 NO 4 NO
16.	RWST Level, %	Thru B.I.T.
17.	Containment Sump Level, % (LI-63-51)	
18.	Containment Spray Flow, gpm (LI-63-176) B-B	0
19.	Containment Pressure, psid (FI-72-13) (F)	1-72-34) ./3
20.	Incore Thermocouples, °F 1 410 2 410 (54)	3 410 4 405
REMA	ARKS:	

Data by:

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Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Uppe	r Containment sample valve status Open r Containment sample valve status Open	Closed
2.	Lower Containment Particulate, RM-90-106A, cpm	5,000
3.	Lower Containment Total Gas, RM-90-106B, cpm Lower Containment Iodine, RM-90-106C, cpm	10,000
4.	Upper Containment Particulate, RM-90-112, cpm	1,000
5.	Upper Containment Total Gas, RM-90-112B, cpm	7500
6.	Upper Containment Iodine, RM-90-1128, cpm	15000
7.	Shield Building Vent Particulate Dy on The	3000
8.	Shield Building Vent Particulate, RM-90-100A,cpm	200
9.	Shield Building Vent Total Gas, RM-90-110B, cpm	50
0.	Shield Building Vent Iodine, RM-90-100C, cpm Auxiliary Building Vent Particulate,	10
	RM-90-101A, cpm	
1.	Auxiliary Building Vent Total Gas,	250
	RM-90-101B, cpm	
2.	Auxiliary Ruilding Vent Indian Dy on son	80
3.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
4.	Steam Generator Blowdown, RN-90-120A, cpm Steam Generator Blowdown, RN-90-120A, cpm	5000
5.	Steam Generator Blowdown, RM-90-121A, cpm	4000
	Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	
6.	Condenser Vacuum Pump Air Cubanas Will D	30
	Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	450
	ERCW Discharge Header A, RM-90-133A, cpm	800
9.	ENCW Discharge Header A. RM-90-140A com	1500
2	- KCW Discharge Header B. RM-90-1344 com	1000
	ERCW Discharge Header B, RM-90-141A, cpm	500
		300

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	e 2/6/85 Time T= 4hrs. 10min Uni	it /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure	·),
2.	Elev. 785, RM-90-271, R/hr Upper Containment High Range (top of SG #1 and #4 enclosur	^
-	Elev. 765, Kn-90-2/2, R/hr	^
3.	Lower Containment High Range (inside polar crane wall, bet SG's #2 and #3), Elev. 715, RM-90-273, R/hr	ween ,
4.	Lower Containment High Range (inside polar crane wall, bet	INCLEASING
	50 5 1/1 and 1/4), elev. /15. RM-90-274 R/hr	6
5.	Shield Building Vent low Range (below CCC C.C.	r switch.
6.	Shield Ruilding Vent With R. elev. 734, RM-90-260, mR/hr	* < 0.1
	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transf 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (on abial december)	er switch, 3
7.	The state of the s	¥ < 10
	Liev. 090 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	,
9.	Reactor Building Floor and Equipment Drain Sump Pump	20
	bischarge, (on shield wall, Elev. 690 pipe chase)	
10.	KM-90-2//, mK/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 mP/hr	15
12. 13.	ATA Fump Room A-A High Range, Elev. 653 RM-90-201 mp/h-	* < 10 ³
	min rump room b-b Low Range, Elev. 653 RM-90-292 mp/h-	2
15.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732	* < 103
	rurbine building, km-90-255, mR/hr	* <0.1
10.	Condenser Vacuum Pump Air Exhaust High Range Flow 732	7 (011
	Turbine Building, RM-90-256, mR/hr	× <103

Remarks:

Data	by:	

Attachment 2

UNIT STATUS UPDATE

Da	te_2/6/85 Time 4 hrs. 15 nin. Unit /
1.	Condensate Storage Tank Level, ft. A 25' B 25'
2. 3. 4.	Steam Generator Heat Sink Condenser Auxiliary Feedwater Flow Available Steam Generator Level (narrow range), % 1 28 2 25 3 0 4 29
	Steam Generator Level (wide range) % 1 80 2 80 3 5 4 (LI-3-107
6.	Steam Generator Pressure, psig 1 390 2 390 3 ~ 50 4 305
7.	Source Range, cps N31 216 N32 210 (PI-1-9A) (PI-1-20A) (PI-1-27A)
8.	Intermediate Range, ma N35 (XI-92-5002B) N36 (XI-92-5002B)
9.	Pressurizer Level, % (EI-92-5003B) (EI-92-5004B)
10.	Pressurizer Pressure, psig Wide Range 250 Narrow Range < 1700
	Reactor Coolant Loop 4 Hot Leg Pressure, psig 250
	Reactor Coolant System T _{Hot} (wide range)°F 1 400 2 400 3 385 4 405
	Reactor Coolant System T _{Cold} (wide range)°F 1 370 2 370 3 380 4 380
14. 15.	Reactor Coolant Pumps running 1 No 2 No 3 No 4 No RWST Level, % CTR-68-18) (TR-68-60) Emergency Core Cooling System Status Standby Wop Injection Recirculation
17.	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm A-A B-B
19.	Containment Pressure, psid (FI-72-13) (FI-72-34) (+) ./5
20.	Incore Thermocouples, °F 1 410 2 410 3 410 4 405 (60) (54) (41)
EMA	RKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

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

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date 2/6/85 Time T=4hr. 15 min Unit	/
1. Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271 R/hr	
2. Upper Containment High Range (top of SC #1 and #/	0
3. Lower Containment High Range (inside pales	
4. Lower Containment High Range (inside pole	
5. Shield Building Vent You Page (b.)	5
5. Shield Building Vent Low Range (below CCS C-S pump transfer so 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	witch,
6900 V shutdown board room) Fley 73/ PM 00 20	switch, 3
Elev. 690 pipe chase) RM-90-275 mP/ha	10
Elev. 690 pipe chase) RM-90-276 mp/h-	20
Discharge, (on shield wall, Eley, 690 ping charge)	
10. Reactor Building Floor and Fourtment Desir C	20
RM-90-278, mR/hr Elev. 690 pipe chase),	15
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 R-R Low Panes, Elev. 653, RM-90-291, mR/hr	10
14. RHR Pump Room B-B High Range Flow 653, RM-90-292, mR/hr	< 103
Turbine Building, RM-90-255 mg/hr	< 103
6. Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	(0,1
	< 103

Remarks:

Data	by:	

Attachment 2

UNIT STATUS UPDATE

1. Condensate Storage Tank Level, ft. A 25' B (LI-2-233A) 2. Steam Generator Heat Sink Condenser 3. Auxiliary Feedwater Flow Available Yes No 4. Steam Generator Level (narrow range), % 1 2 2 3 3 6 4 20	Da	te 2/6/85 Time 4 hrs. 20 min. Unit /
3. Auxiliary Feedwater Flow Available 4. Steam Generator Level (narrow range), % 1 2 2 3 3 4 3 4 3 5 5 4 3 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1.	Condensate Storage Tank Level, ft. A 25' B 25'
3. Auxiliary Feedwater Flow Available 4. Steam Generator Level (narrow range), % 1	2.	alpam benerator was track Control
5. Steam Generator Level (wide range), % 1 (LI-3-39) (LI-3-52) (LI-3-94) (LI-3-98) 6. Steam Generator Pressure, psig 1 (LI-3-43) (LI-3-98) (LI-3-98) 7. Source Range, cps N31 (XI-92-5001B) (XI-92-5002B) (XI-92-5002B) (XI-92-5002B) (XI-92-5004B) 8. Intermediate Range, ma N35 (XI-92-5003B) (XI-92-5004B) (XI-92-5004B) 9. Pressurizer Level, % (LI-68-335) (LI-68-320) (XI-92-5004B) 10. Pressurizer Pressure, psig Wide Range (Pi-68-342A) (Pi-68-340A) 11. Reactor Coolant Loop 4 Hot Leg Pressure, psig (Pi-68-342A) (Pi-68-340A) 12. Reactor Coolant System Toold (wide range) of 1 390 2 390 3 375 4 395 (TR-68-1) (TR-68-43) 13. Reactor Coolant Pumps running 1 (Pi-68-340) (TR-68-68-1) (TR-68-68-1) (TR-68-60) 14. Reactor Coolant Pumps running 1 (TR-68-1) (TR-68-68-1) (TR-68-68-1) 15. Emergency Core Cooling System Status (XI-93-50) (XI-92-34) (XI-93-50) 16. RWST Level, % (LI-63-50) (LI-63-51) (LI-63-176) (LI-63-176) (LI-63-176) (LI-63-176) (RWST Level, % (Pi-72-13) (Pi-72-34) (Pi-72-		Auxiliary Feedwater Flow Available
5. Steam Generator Level (wide range) % 1 79 2 79 3	4.	Steam Generator Level (narrow range) of 1
7. Source Range, cps N31 8. Intermediate Range, ma N35 (XI-92-5001B) 9. Pressurizer Level, % (LI-68-335) 10. Pressurizer Pressure, psig Wide Range (PI-68-340A) 11. Reactor Coolant Loop 4 Hot Leg Pressure, psig PR-68-46) 12. Reactor Coolant System Thot (wide range)°F 1 390 2 390 3 375 4 395 13. Reactor Coolant System Toold (wide range)°F 1 300 2 365 3 375 4 395 14. Reactor Coolant Pumps running 1 200 2 365 3 375 4 365 15. Emergency Core Cooling System Status Standby Tooland Pumps running 1 200 2 365 3 375 4 365 16. RWST Level, % (LI-63-50) 17. Containment Sump Level, % (LI-63-176) 18. Containment Spray Flow, gpm A-A 19. Containment Pressure, psid (FI-72-34) (PI-30-44) (PI-30-45)	5.	(L1-3-39) $(L1-3-52)$ $(L1-3-94)$ $(L1-3-94)$
8. Intermediate Range, ma N35 (XI-92-5001B) (XI-92-5002B), N36 (EI-92-5003B) (EI-92-5004B) 9. Pressurizer Level, % (LI-68-335) (LI-68-320) 10. Pressurizer Pressure, psig Wide Range (PI-68-342A) (PI-68-340A) 11. Reactor Coolant Loop 4 Hot Leg Pressure, psig (PR-68-LG) 69 12. Reactor Coolant System THOT (wide range)°F 1 390 2 390 3 375 4 395 (TR-68-1) (TR-68-43) 13. Reactor Coolant System TCold (wide range)°F 1 320 2 365 3 395 4 365 (TR-68-18) (TR-68-60) 14. Reactor Coolant Pumps running 1 (TR-68-18) (TR-68-60) 15. Emergency Core Cooling System Status Standby Inoplination Recirculation CII-63-51) 17. Containment Sump Level, % (LI-63-51) (LI-63-176) 18. Containment Spray Flow, gpm A-A (PI-30-44) (PI-30-45) 19. Containment Pressure, psid (PI-30-44) (PI-30-45) 10. Incore Thermocouples, °F (PI-30-44) (PI-30-45) (PI-30-45) (PI-30-45) (PI-30-45) (PI-30-45) (PI-30-44) (PI-30-45)	6.	Steam Generator Pressure, psig 1 385 2 380 3 ~50 4 380
9. Pressurizer Level, % (LI-68-335) (LI-68-320) 10. Pressurizer Pressure, psig Wide Range (PI-68-342A) 11. Reactor Coolant Loop 4 Hot Leg Pressure, psig (PR-68-45) 12. Reactor Coolant System THot (wide range)°F 1 390 2 390 3 375 4 395 (TR-68-1) 13. Reactor Coolant System TCold (wide range)°F 1 320 2 365 3 375 4 395 (TR-68-43) 14. Reactor Coolant Pumps running 1 (TR-68-18) (TR-68-60) 15. Emergency Core Cooling System Status Standby Two Injection Two Recirculation Toolant Pumps Plow, gpm A-A (FI-72-13) (FI-72-34) 16. Rootainment Spray Flow, gpm A-A (FI-72-13) (FI-72-34) 17. Containment Pressure, psid (PI-30-45) (PI-30-45) 18. Containment Pressure, psid (PI-30-45) (PI-30-45) (PI-30-45) 19. Incore Thermocouples, °F (PI-30-44) (PI-30-45) (A) (A) (A) (A)	7.	10 10
10. Pressurizer Level, % (LI-68-335) (LI-68-320) 11. Reactor Coolant Loop 4 Hot Leg Pressure, psig (PR-68-342A) 12. Reactor Coolant System THOT (wide range)°F 1 390 2 390 3 375 4 395 (TR-68-16) 69 13. Reactor Coolant System TCold (wide range)°F 1 300 2 365 3 375 4 365 (TR-68-18) (TR-68-43) 14. Reactor Coolant Pumps running 1 200 2 365 3 375 4 365 (TR-68-18) (TR-68-60) 15. Emergency Core Cooling System Status Standby Level, % (LI-63-51) 16. RWST Level, % (LI-63-50) (LI-63-51) 17. Containment Sump Level, % (LI-63-176) 18. Containment Spray Flow, gpm A-A (FI-72-13) (FI-72-34) 19. Containment Pressure, psid (PI-30-44) (PI-30-45) 10. Incore Thermocouples, °F (PI-30-44) (PI-30-45) (PI-30-45) 11. Reactor Coolant Loop 4 Hot Leg Pressure, psid (PI-30-44) (PI-30-45) (PI	8.	Intermediate Range, ma N35 10 N36 10 -"
10. Pressurizer Pressure, psig Wide Range (PI-68-342A) 11. Reactor Coolant Loop 4 Hot Leg Pressure, psig (PI-68-340A) 12. Reactor Coolant System T _{Hot} (wide range)°F 1 390 2 390 3 375 4 395 (TR-68-16) 390 2 390 3 375 4 395 (TR-68-16) (TR-6	9.	Pressurizer Level, %
12. Reactor Coolant System T _{Hot} (wide range)°F 1 390 2 390 3 375 4 395 13. Reactor Coolant System T _{Cold} (wide range)°F 1 300 2 365 3 395 4 365 14. Reactor Coolant Pumps running 1 100 2 100 3 100 4 100 15. Emergency Core Cooling System Status Standby Injection	10.	Pressurizer Pressure, psig Wide Range 200 Narrow Range < 1200
14. Reactor Coolant Pumps running 15. Emergency Core Cooling System Status Standby TwoPinjection Two Recirculation To Containment Sump Level, % 17. Containment Sump Level, % 18. Containment Spray Flow, gpm 19. Containment Pressure, psid 20. Incore Thermocouples, °F 10. Cold (Wide range)°F 1 300 2 365 3 345 4 368 (TR-68-60) (TR-68-18) (TR-68-60) (TR-68-18) (TR-68-60) (LI-63-51) (LI-63-51) (LI-63-51) (LI-63-176) (A-A) (FI-72-13) (FI-72-34) (FI-72-34) (PI-30-44) (PI-30-45) 1 405 2 395 3 400 4 400 (60) (54)	11.	Reactor Coolant Loop 4 Hot Leg Pressure, psig
14. Reactor Coolant Pumps running 15. Emergency Core Cooling System Status Standby TwoPinjection Two Recirculation To Containment Sump Level, % 17. Containment Sump Level, % 18. Containment Spray Flow, gpm 19. Containment Pressure, psid 20. Incore Thermocouples, °F 10. Cold (Wide range)°F 1 300 2 365 3 345 4 368 (TR-68-60) (TR-68-18) (TR-68-60) (TR-68-18) (TR-68-60) (LI-63-51) (LI-63-51) (LI-63-51) (LI-63-176) (A-A) (FI-72-13) (FI-72-34) (FI-72-34) (PI-30-44) (PI-30-45) 1 405 2 395 3 400 4 400 (60) (54)	12.	Reactor Coolant System THot (wide range) F 1 390 2 390 3 375 4 395
14. Reactor Coolant Pumps running 15. Emergency Core Cooling System Status 16. RWST Level, % (LI-63-50) (LI-63-51) 17. Containment Sump Level, % (LI-63-176) 18. Containment Spray Flow, gpm 19. Containment Pressure, psid (HI-63-176) (FI-72-13) (FI-72-34) (FI-30-44) (FI-30-44) (FI-30-45) 1 405 2 395 3 400 4 400 (60) (54)	13.	Cold (wide range) of 1 320 2 365 3 345 4 365
16. RWST Level, % (LI-63-50) (17. Containment Sump Level, % (LI-63-176) (18. Containment Spray Flow, gpm A-A (FI-72-13) (FI-72-34) (PI-30-44) (PI-30-45) (PI-30-44) (PI-30-45) (PI-30-45) (PI-30-44) (PI-30-45) (PI-30-44) (PI-30-45) (PI-30-45) (PI-30-44) (PI-30-45) (PI-30-45) (PI-30-44) (PI-30-45)	14.	Reactor Coolant Pumps rupping
17. Containment Sump Level, % 18. Containment Spray Flow, gpm 19. Containment Pressure, psid 19. Containment Pressure, psid 20. Incore Thermocouples, °F 1 405 2 395 3 400 4 400 (60)		Line igency core cooling System Status Standhy
17. Containment Sump Level, % 18. Containment Spray Flow, gpm 19. Containment Pressure, psid 20. Incore Thermocouples, °F 1 405 2 395 3 400 4 400 (60)	16.	RWST Level, % _ O Standby Looping ection Two Recirculation Zx
18. Containment Spray Flow, gpm 19. Containment Pressure, psid (+) ./6 (PI-30-44) (PI-30-45) 1 405 2 395 3 400 4 400 (60) (54)	17.	Containment Sump Level, %
20. Incore Thermocouples, °F 1 405 2 395 3 400 4 400 (60) (54) (44)	18.	Containment Spray Flow, gpm A-A B-B O
20. Incore Thermocouples, °F 1 405 2 395 3 400 4 400 (60) (54) (44) (41)	19.	containment Pressure, psid (+) ./6 (+) ./6
REMARKS: (54) (44) (41)	20.	Incore Thereases I or
REMARKS:		(60) (54) (44) (41)
	REM	ARKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

oppe	r Containment sample valve status Open Open	Closed Closed
1.	Lower Containment Particulate, RM-90-106A, cpm	5.000
3.	Lower Containment Total Gas, RM-90-106B, cpm Lower Containment Iodine, RM-90-106C, cpm	10,000
4.	Upper Containment Particulate, RM-90-112, cpm	1,000
5.	Upper Containment Total Gas, RM-90-112B, cpm	7500
6.	Upper Containment Iodine, RN-90-1128, cpm	15000
	Shield Building Vent Particular Division	3 000
8.	Shield Building Vent Particulate, RM-90-100A, cpm	200
9.	Shield Building Vent Total Gas, RM-90-110B, cpm Shield Building Vent Indian DM 00 1008	50
0.	Shield Building Vent Iodine, RM-90-100C, cpm - Auxiliary Building Vent Particulate,	10
	RM-90-101A, cpm	
1.	Auxiliary Building Vent Total Gas,	250
	RM-90-101B, cpm	
2.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	80
3. :	Steam Generator Blowdown, RM-90-120A, cpm	10
4. 5	Steam Generator Blowdown, RN-90-121A, cpm	5000
5. (Condenser Vacuum Pump Air Exhaust, Low Range,	4000
	41 10 11 CDIII	
6. (Condenser Vacuum Pump Air Exhaust, High Range,	30
F	M-90-119, cpm	
. E	RCW Discharge Header A, RM-90-133A, cpm	450
. E	RCW Discharge Header A, RM-90-140A, cpm	800
	RCW Discharge Header B, RM-90-134A, cpm	1500
. E	RCW Discharge Header B, RM-90-141A, cpm	1000
	печаст в, ки-70-141А, срт	500

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Dat	e 2/6/85 Time T= 4 hrs. 20 min Uni	it /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure	
2.	Elev. 765, RI-90-2/1. R/nr	^
3.	Liev. 703, Kn-90-2/2, K/hr	^
	Lower Containment High Range (inside polar crane wall, bet SG's #2 and #3), Elev. 715, RM-90-273, R/hr	14/0
4.	SG's #1 and #4), elev. 715, RM-90-274 P/hr	ween F
5.	Shield Building Vent Low Range (below CCC C.C.	r switch,
6.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transf 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (co. abial and the control of t	er switch,
7.	The state of the s	¥ < 10°
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall	
9	Elev. 690 pipe chase), RM-90-276, mR/hr Reactor Building Floor and Equipment Drain Sump Pump	20
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	4.
10.	Reactor Building Floor and Equipment Drain Sump Pump	20_
11.	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
12.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	¥ < 10 ³
13.	RHR Pump Room B-B High Range, Elev. 653, RM-90-292, mR/hr	3
15.	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	* < 103
0.	Condenser Vacuum Pump Air Exhaust High Range Flow 722	* <0,1
	Turbine Building, RM-90-256, mR/hr	* < 103

Remarks:

Data	by:	

Attachment 2

UNIT STATUS UPDATE

Dat	te 2/6/85 Time 4 hrs. 30 min Unit /
1.	Condensate Storage Tank Level, ft. A 25' B 25'
2.	Steam Generator Heat Sink Condenser (LI-2-230A) (LI-2-233A)
3.	Anxiliary Feedwater Flow Available
4.	Steam Generator Level (narrow range), % 1 25 2 26 3 0 4 25
5.	Steam Generator Level (wide range) % 1 (LI-3-39) (LI-3-52) (LI-3-94) (LI-3-107)
6.	Steam Generator Pressure, psig 1 380 2 390 3 ~ 50 4 380
7.	Source Range, cps N31 2 10 N32 (PI-1-9A) (PI-1-20A) (PI-1-27A)
8.	Intermediate Range, ma N35 (XI-92-5001B) (XI-92-5002B) N36 (0-11
9.	Pressurizer Level, % (EI-92-5003B) (EI-92-5004B)
10.	Pressurizer Pressure, psig Wide Range 150 Narrow Range < 1700
	Reactor Coolant Loop 4 Hot Leg Pressure, psig 150 (PI-68-340A)
	Reactor Coolant System T _{Hot} (wide range) oF 1 380 2 390 3 320 4 390
13.	Reactor Coolant System T _{Cold} (wide range)°F 1 360 2 360 3 340 4 360
	(TR-68-60)
15	Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
16.	RWST Level, % O System Status Standby Two Plajection Two Recirculation Two
17.	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm (LI-63-176) B-B
19.	Containment Pressure, psid (+) (FI-72-13) (+) (FI-72-34)
20.	Incore Thermocouples, °F 1 400 2 390 3 385 4 390
INCH	(41)
KELL	NRKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Lower Containment sample valve stat Upper Containment sample valve stat	us Open Closed
 Lower Containment Particulate, Lower Containment Total Gas, R 	RM-90-106A, cpm 5,000
3. Lower Containment Iodine, RM-9	0-1066, cpm 10,000
. opper containment particulate	DM-00-112
J. Opper Containment loral Gae D	M-00-112D
o. opper conteatiment logine RM-d	1=1120 00=
. Onicid building vent Particula	DM-00 1001
o. Durerd Bulldilla Abut lotal line	DM-00-1100
. Surera partially vent louine k	1-90-110B, cpm 50
10. Auxiliary Building Vent Partice	late 100c, cpm
RM-90-101A, cpm	
11. Auxiliary Building Vent Total (250
K11-90-101B, CDM	
2. Auxiliary Building Vent Indine	RM-90-101C 80
o. Steam deflerator Blowdown RN-90	-120A com
The second defletator blowdown RM-QU	-1214
J. Condenser vacuum Pump Air Fyhau	st Low Pages 4000
idi jo ji, CDM	
6. Condenser Vacuum Punp Air Exhau	st High Pages 30
idi jo 119, CDM	
7. ERCW Discharge Header A. RM-90-	133A com 450
. Linew Discharge Reader A. RM-90-	40A com
	3/1 000
D. ERCW Discharge Header B, RM-90-	41A cpm
	500

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Dat	e 2/6/85 Time T= 4hrs. 30min Un	it /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure	.).
2.	Upper Containment High Range (top of SG #1 and #/ onslowed	
3.	2101, 703, 101-30-272, 17/11	^
4.	Lower Containment High Range (inside polar crane wall, bet SG's #2 and #3), Elev. 715, RM-90-273, R/hr	
	Lower Containment High Range (inside polar crane wall, bet SG's #1 and #4), elev. 715, RM-90-274, R/hr	ween
5.	SHIELD BUILDING VENT LOW Pance (halas con a a	r switch,
6.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (on shield wall	er switch, 2
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall,	¥ < 10°
8.	Reactor Coolant Drain Tank Pump Discharge (on shoild wall	
9	Reactor Building Floor and Fourthment Drain Suma Dumin	20
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	
10.	Reactor Building Floor and Fournment Drain Summ Dung	
11.	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	15
	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr RHR Pump Room B-B Low Pages	10
14.	RHR Pump Room B-B High Rauge Flow 653 PM-90-292, mR/hr	2,
	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	¥ < 103
0.	Condenser Vacuum Pump Air Fyhaust High Pages Flow 722	* <0.1
	Turbine Building, RM-90-256, mR/hr	* <10 ³

Remarks:

Data by	:	[[[마다]] [[[마다]] [[[마다]] [[[마다]] [[[마다]] [[[마다]] [[[마다]] [[[마다]] [[[마다]] [[[[마다]] [[[[[[]]] [[[[[[]]] [[[[[]] [[[[]] [[[[]] [[[]] [[[[]] [[[[]] [[[[]] [[[]] [[[[]] [[[[]] [[[]] [[[]] [[[[]] [[[]] [[[]] [[[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[]] [[]] [[[]] [[[]] [[]] [[[]] [[[]] [[]] [[]] [[[]] [[]] [[]] [[[]] [[]] [[[]] [[]] [[]] [[]] [[]] [[[]] [[]

Attachment 2

UNIT STATUS UPDATE

Da	te 2/6/85 Time 4 hr. 45 min Unit /
1.	Condensate Storage Tank Level, ft. A 25' B 24'6"
2.	Steam Generator Heat Sink Condenser (LI-2-230A) (LI-2-233A) Auxiliary Feedwater Flow Auxiliary
4.	Auxiliary Feedwater Flow Available Yes No No Steam Generator Level (narrow range), % 1 33 2 33 3 4 23
5.	Steam Generator Level (wide range) % 1 80 2 29 3 (LI-3-94) (LI-3-107)
6.	Steam Generator Pressure, psig 1 380 (LI-3-43) 2 380 3 ~50 4 380
7.	Source Range, cps N31 210 N32 (PI-1-2A) (PI-1-9A) (PI-1-2OA) (PI-1-27A)
8.	Intermediate Range, ma N35 (XI-92-5002B) N36
9.	Pressurizer Level, % (EI-92-5003B) (EI-92-5004B)
	Pressurizer Pressure, psig Wide Range ~ 100 Narrow Range < 1700
11.	Reactor Coolant Loop 4 Hot Leg Pressure, psig ~ 100
	Reactor Coolant System T _{Hot} (wide range)°F 1 380 2 375 3 370 4 380
	Reactor Coolant System T (wide revealer (TR-68-1) (TR-68-43)
14.	Reactor Coolant Pumps supplies (TR-68-60)
16.	Emergency Core Cooling System Status Standby Inoplajection Inoperior Inoperi
	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm A-A 0 B-B 0
19.	Containment Pressure, psid (+) (FI-72-13) (+) (FI-72-34)
20.	Incore Thermocouples, °F 1 390 2 390 3 390 4 390 (60) 2 (54)
REMAI	RKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

D. ERCW Discharge Header B, RN-90-134A, cpm ERCW Discharge Header B, RN-90-141A cpm 1500	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 Total Gas, RM-90-112B, cpm 7. Shield Building Vent Particulate, RM-90-100A, cpm 8. Shield Building Vent Total Gas, RM-90-110B, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm 10. Auxiliary Building Vent Particulate, RM-90-100C, cpm 11. Auxiliary Building Vent Total Gas, RM-90-101C, cpm 12. Auxiliary Building Vent Iodine, RM-90-101C, cpm 13. Steam Generator Blowdown, RM-90-120A, cpm 14. Steam Generator Blowdown, RM-90-120A, cpm 15. Steam Generator Blowdown, RM-90-120A, cpm 16. Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm 17. Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm 18. ERCW Discharge Header A, RM-90-134A, cpm 18. ERCW Discharge Header B, RM-90-140A, cpm 19. ERCW Discharge Header B, RM-90-134A, cpm 19. ERCW Discharge Header B, RM-90-134A, cpm 19. ERCW Discharge Header B, RM-90-141A, cpm 19. ERCW Discharge Header B, RM-90-141A, cpm 19. ERCW Discharge Header B, RM-90-141A, cpm 19. Soo	Lower Containment sample valve status Open Upper Containment sample valve status Open	Closed Closed
4. Upper Containment Particulate, RM-90-112, cpm Upper Containment Total Gas, RM-90-112B, cpm Upper Containment Total Gas, RM-90-112B, cpm Upper Containment Iodine, RM-90-112C, cpm 7. Shield Building Vent Particulate, RM-90-100A, cpm 8. Shield Building Vent Total Gas, RM-90-110B, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm 10. Auxiliary Building Vent Particulate, RM-90-101B, cpm 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, RN-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-90-134A, cpm 19. ERCW Discharge Header B, RM-90-134A, cpm	Lower Containment Todine, RN-90-106C, cpm Upper Containment Particulate, RM-90-112, cpm Upper Containment Total Gas, RN-90-112B, cpm Upper Containment Total Gas, RN-90-112C, cpm Upper Containment Iodine, RN-90-112C, cpm Shield Building Vent Particulate, RM-90-100A, cpm Shield Building Vent Total Gas, RN-90-110B, cpm Shield Building Vent Iodine, RM-90-100C, cpm Auxiliary Building Vent Particulate, RM-90-101A, cpm Auxiliary Building Vent Total Gas, RM-90-101C, cpm Auxiliary Building Vent Iodine, RM-90-101C, cpm Steam Generator Blowdown, RN-90-120A, cpm Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm ERCW Discharge Header A, RM-90-133A, cpm ERCW Discharge Header A, RM-90-134A, cpm ERCW Discharge Header B, RN-90-140A, cpm ERCW Discharge Header B, RN-90-141A, cpm Soo	The state of the s	
5. Upper Containment Particulate, RM-90-112, cpm Upper Containment Total Gas, RM-90-112B, cpm Upper Containment Iodine, RM-90-112C, cpm 7. Shield Building Vent Particulate, RM-90-100A, cpm 8. Shield Building Vent Total Gas, RM-90-110B, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm 1. Auxiliary Building Vent Particulate, RM-90-101A, cpm 1. Auxiliary Building Vent Total Gas, RM-90-101B, cpm 2. Auxiliary Building Vent Total Gas, RM-90-101B, cpm 3. Steam Generator Blowdown, RM-90-120A, cpm 4. Steam Generator Blowdown, RM-90-121A, cpm 5. Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm 6. Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm 7. ERCW Discharge Header A, RM-90-133A, cpm 8. ERCW Discharge Header A, RM-90-134A, cpm 1. ERCW Discharge Header B, RM-90-134A, cpm	Upper Containment Particulate, RM-90-112, cpm Upper Containment Total Gas, RM-90-112B, cpm Upper Containment Iodine, RM-90-112C, cpm Shield Building Vent Particulate, RM-90-100A, cpm Shield Building Vent Total Gas, RM-90-110B, cpm Shield Building Vent Iodine, RM-90-110B, cpm Shield Building Vent Iodine, RM-90-100C, cpm Auxiliary Building Vent Particulate, RM-90-101A, cpm Auxiliary Building Vent Total Gas, RM-90-101B, cpm Auxiliary Building Vent Iodine, RM-90-101C, cpm Steam Generator Blowdown, RM-90-120A, cpm Steam Generator Blowdown, RM-90-121A, cpm Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm ERCW Discharge Header A, RM-90-133A, cpm ERCW Discharge Header A, RM-90-134A, cpm ERCW Discharge Header B, RN-90-140A, cpm ERCW Discharge Header B, RN-90-141A, cpm 1500 500	3. Lower Containment Iodine PM-90-1066	10,000
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Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	e 2/6/85 Time T= 4hr. 45 min Uni	it /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure	•),
2.	Elev. 785, RM-90-271, R/hr Upper Containment High Range (top of SG #1 and #4 enclosur	^
	Elev. 765, Kri-90-2/2, R/hr	^
3.	Lower Containment High Range (in ide polar crane wall has	ween
4.	30 3 1/2 and 1/31, Elev. /13, KM-90-2/3 R/hr	14/5-000
	Lower Containment High Range (inside polar crane wall, bet SG's #1 and #4), elev. 715, RM-90-274, R/hr	ween _
5.	Shield Building Vent Tow Pance (balan ccc c c	r switch
	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	¥ < 0.1
6.	Shield Building Vent Nigh Range (below CCS C-S pump transf	er switch, 2
7.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transf 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (on shield wall,	¥ < 10°
	Elev. 690 pipe chase). RM-90-275 mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall	
9.,	Liev. 090 pipe chase). KN-90-276 mR/hr	20
	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase),	
	Kn-90-2//, mK/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump	
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	15
12.	rump Room A-A High Kange, Eley, 653 RM-90-201 mR/hr	¥ < 10 ³
13.	Kilk Fump Room B-B Low Kange, Elev. 653 RM-90-292 mp/h-	1
14.	And rump Room B-B High Range Fley 653 RM-90-202 mp/h-	* < 103
	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	×
0.	Condenser Vacuum Pump Air Exhaust High Range Fley 732	* <0.1
	Turbine Building, RM-90-256, mR/hr	* <103

Remarks:

Data		

Attachment 2

UNIT STATUS UPDATE

Da	te_2/6/85 Time_5 hrs. Unit /
1.	Condensate S. prage Tank Level, ft. A 24'6" B 24'6"
2. 3. 4.	Steam Generator Heat Sink Condenser Auxiliary Feedwater Flow Available Steam Generator Level (2008) (L1-2-230A) Yes X No
5.	Steam Generator Level (wide range), % 1 30 2 33 3 0 4 36 (LI-3-39) Steam Generator Level (wide range) % 1 80 2 2 3 3 0 4 36 (LI-3-107)
6.	Steam Generator Pressure, psig 1 380 2 380 3 ~10 4 380
7.	Source Pance one No. (PI-1-27A) (PI-1-20A) (PI-1-27A)
8.	Intermediate Range, ma N35 (SI 00 00 00 00 00 00 00 00 00 00 00 00 00
9.	Pressurizer Level, % (EI-92-5003B) (EI-92-5004B)
10.	Pressurizer Pressure, psig Wide Range Narrow Range 1700
11.	Reactor Coolant Loop 4 Hot Leg Pressure, psig ~100 (PI-68-340A)
12.	Reactor Coolant System THot (wide range) F 1 380 2 375 3 370 4 380
13.	Reactor Coolant System T _{Cold} (wide range) of 1350 2 350 3 340 4 345
14.	Reactor Coolant Pumps running 1 No 2 No 3 No 4 No RWST Level, % CTR-68-60) Emergency Core Cooling System Status Standby Inopinjection InopRecirculation I
17.	Containment Sump Level, % (LI-63-51)
	Containment Spray Flow, gpm A-A B-B
19.	Containment Pressure, psid (+)./6 (+)./6 (FI-72-34)
20.	Incore Thermocouples, °F 1 390 2 390 3 385 4 390 (60)
REMA	RKS:

Data by: _____/

0

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

1. Lower Containment Particulate, RM-90-106A, cpm	Closed
2. Lower Containment Total Gas RM-90-106R com	5,000
J. Lower Containment Lodine, RM-90-1060 com	10,000
4. Upper Containment Particulate RM-90-112 com	1,000
J. Upper Containment Total Gas RM-90-112R com	7500
o. Upper containment lodine. RN-90-1120 cpm	15000
. Shield Building Vent Particulate, RM-90-1004 com	3000
o. Shield building vent Total Gas. RM-90-110R com	200
on shield building vent lodine. RM-90-100C com	50
. Muxillary Building Vent Particulate	
RT-90-101A, cpm	250
1. Auxiliary Building Vent Total Gas,	250
KM-90-101B, cpm	80
2. Auxiliary Building Vent Iodine, RM-90-101C, cpm	10
. Steam Generator Blowdown, RN-90-120A, cpm	5000
. Steam Generator Blowdown, RM-90-121A com	
. Londenser Vacuum Pump Air Exhaust Lou Pages	4000
M1-90-99, CDM	30
Condenser Vacuum Pump Air Exhaust, High Range,	30
M. 70-117, Cpm	450
ERCW Discharge Header A, RM-90-133A, cpm	800
. Encw Discharge Header A. RM-90-140A com	
. Lack Discharge Header B. RM-90-134A com	1500
. ERCW Discharge Header B, RN-90-141A, cpm	500

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Dat	$e = \frac{2/6}{85}$ Time $T = 5 hr$. Uni	it	/
1.	Upper Containment High Range (top of SG#2 and #3 analysis	-	
2.	Upper Containment High Range (top of SC #1 and #4 and		0
3.	Lower Containment High Range (inside polar cross and)		0
4.	SG's #2 and #3), Elev. 715, RM-90-273, R/hr Lower Containment High Range (inside polar crane wall, bet		
	00 0 11 did 174), Elev. /10. KM=40=7/4 B/h=		-
5.	Siller Bull ding Vent Lou Dages (b-1- coo o c	r swi	tch
	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (on shield wall	*	< 0.1
-	6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	K	2103
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall,	7_	10
8.	The pipe chase) KM-40-775 mB/h-		10
9	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr		20
	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),		20
11.	M1-90-2/0, mk/nr		15
	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr		10
13.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	*	< 103
2000	Tump hoom bed ligh kange Fley 653 DM-00-203 D/1-	-	2,
7.00	Tondensel vacuum rump Air Exhaust Low Range Flow 722	*	< 103
16.	Condenser Vacuum Pump Air Exhaust High Pages Flow 732	*	5011
	Turbine Building, RM-90-256, mR/hr	*	< 10 ³

Remarks:

Data	by:	

Attachment 2

UNIT STATUS UPDATE

Dat	te 2/6/85 Time 5 hrs. 30 min Unit /
1.	Condensate Storage Tank Level, ft. A 24' B 24'
2.	Steam Generator Heat Sink Condenser (LI-2-230A) (LI-2-233A) Atmosphere
3.	Auxiliary Feedwater Flow Available V.
4.	Steam Generator Level (narrow range), % 1 3/ 2 33 3 0 4 ?2
5.	Steam Generator Level (wide range) % 1 79 2 80 3 5 4 80 (LI-3-98)
6.	Steam Generator Pressure, psig 1 375 2 380 3 ~20 4 380 Source Range, cps N31 2 (PI-1-2A) (PI-1-9A) (PI-1-2OA) (PI-1-27A)
7.	132 010
8.	Intermediate Range, ma N35 (XI-92-5001B) (XI-92-5002B) (XI-92-5004B) (EI-92-5004B)
9.	Pressurizer Level, %
10.	Pressurizer Pressure, psig Wide Range 75 Narrow Range < 1700
11.	Reactor Coolant Loop 4 Hot Leg Pressure, psig (PI-68-340A) (PI-68-340A)
12.	Reactor Coolant System T _{Hot} (wide range)°F 1 375 2 3:75 3 370 4 375
13.	Reactor Coolant System Tools (wide range) of 1350 2350 3 344 4 350
14.	Reactor Coolant Pumps running (TR-68-60)
15.	Emergency Core Cooling System Status Standbur
16.	Reactor Coolant Pumps running Emergency Core Cooling System Status Standby Twop Injection Twop Recirculation Two (LI-63-50) (LI-63-51)
17.	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm A-A B-B
19.	Containment Pressure, psid (+) ./6 (+) ./6 (PI-30-44)
20.	Incore Thermocouples, °F 1 390 2 390 3 385 4 390 (60) (54)
REMA	RKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

ower Containment sample valve status Open pper Containment sample valve status Open	Closed Closed
1. Lower Containment Particulate, RM-90-106A, cpm	5.000
. Lower containment lotal Gas RM-90-106B	10,000
Lower Containment lodine RM-90-1060	1,000
· opper containment Particulate RM-90-112	7500
opper Containment Total Gas RM-00-112p	15000
	3000
	200
ACT TOTAL DAG MW-UD-110D	50
The state of the s	10
Auxiliary Building Vent Particulate, RM-90-101A, cpm	
Auxiliary Building Vent Total Gas,	250
M1-90-101B. CDM	0.
Auxiliary Building Vent Iodine, RM-90-101C, cpm	80
- Seedin Generator Blowdown RN-90-1204	10
- Steam Generator Blowdown RM-Q0-1214	5000
- Condenser vacuum Pump Air Fyhaust Tou Danne	4000
*** 20 27, CDIR	30
The tacum rump Air Exhauer High Dance	30
10. 70 117, CDM	450
	800
THE THE PARTY OF T	1500
ERCW Discharge Header B, RM-90-134A, cpm ERCW Discharge Header B, RM-90-141A, cpm	1000
- 141A, cpm	500
arks:	

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	e 2/6/85 Time T= 5hr. 30 min Uni	t /	
1.	Upper Containment High Range (top of SG#2 and #3 enclosure),	
2.	Elev. 785, RM-90-271, R/hr	,	0
	Upper Containment High Range (top of SG #1 and #4 enclosur Elev. 785, RM-90-272, R/hr	e),	0
3.	Lower Containment High Range (inside polar crane wall, bet	ween	
	50 s #2 and #3), Elev. /15, RM-90-273, R/hr	11	CEROSINO
4.	Lower Containment High Range (inside polar crane wall, bet	ween	-
5.	SG's #1 and #4), elev. 715, RM-90-274, R/hr	-	5
	Shield Building Vent Low Range (below CCS C-S pump transfe	r swit	ch,
6.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Disables (CS)	* Swill	C. O. 1
	6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	¥	< 103
7.	medical coolding brain rank rump prscharge ton shield wall		
8.	Elev. 690 pipe chase), RM-90-275, mR/hr		10
٠.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall, Elev. 690 pipe chase), RM-90-276, mR/hr		10
9.,	Reactor Building Floor and Equipment Drain Sump Pump		20
	Discharge, (on shield wall, Elev. 690 pipe chase).		
10	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.	KAR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	¥ .	< 103
13.	KHK Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	-	2
15.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	* .	< 103
	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr		
6.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732	*	CO11
	Turbine Building, RM-90-256, mR/hr	*	< 103

Remarks:

Data	by:	

Attachment 2

UNIT STATUS UPDATE

Da	te_2/6/85 Time 6 h-s. Unit /
1.	Condensate Storage Tank Level, ft. A 24' B 24'
2. 3. 4.	Steam Generator Heat Sink Condenser Auxiliary Feedwater Flow Available Steam Generator Level (narrow range), % 1 33 2 35 3 0 4 3/
5.	Steam Generator Level (wide range) % 1 (LI-3-39) (LI-3-52) (LI-3-94) (LI-3-107)
6.	Steam Generator Pressure, psig 1 360 2 355 3 (LI-3-98)
7.	Source Range, cps N31 210 N32 (PI-1-2A) (PI-1-9A) (PI-1-27A)
8.	Intermediate Range, ma N35 (X1-92-5002B) N36 (X1-92-5002B)
9.	Pressurizer Level, % (EI-92-5003B) (EI-92-5004B)
10.	Pressurizer Pressure, psig Wide Range ~75 Narrow Range \$1700
	Reactor Coolant Loop 4 Hot Leg Pressure, psig 25
	Reactor Coolant System THot (wide range) F 1 360 2 365 3 360 4 365
	Reactor Coolant System T _{Cold} (wide range)°F 1 340 2 33 5 3 33 5 4 330
14. 15.	Reactor Coolant Pumps running 1 No 2 No 3 No 4 No Emergency Core Cooling System Status Standby Two Injection Two Recirculation Inox
17.	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm A-A B-B
19.	Containment Pressure, psid (+) ./6 (+) ./5
20.	Incore Thermocouples, °F 1 380 2 380 3 375 4 385
REMA	RKS:
17811111	MACO

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

1. Lower Containment Particulate, RM-90-106A, cpm 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 8. Shield Building Vent Total Gas, RM-90-110B, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm 10. Auxiliary Building Vent Particulate	5,000 10,000 1,000 7500 15000 3 000
3. Lower Containment Total Gas, RM-90-106B, cpm 4. Upper Containment Particulate, RM-90-112, cpm 5. Upper Containment Total Gas, RM-90-112B, cpm 6. Upper Containment Total Gas, RM-90-112C, cpm 7. Shield Building Vent Particulate, RM-90-100A, cpm 8. Shield Building Vent Total Gas, RM-90-110B, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm	10,000 1,000 7500 15000
4. Upper Containment Particulate, RM-90-112, cpm 5. Upper Containment Total Gas, RN-90-112B, cpm 6. Upper Containment Iodine, RM-90-112C, cpm 7. Shield Building Vent Particulate, RM-90-100A, cpm 8. Shield Building Vent Total Gas, RM-90-110B, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm	1,000 1500 15000
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 8. Shield Building Vent Total Gas, RM-90-110B, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm	15000
6. Upper Containment Iodine, RM-90-112C, cpm 7. Shield Building Vent Particulate, RM-90-100A, cpm 8. Shield Building Vent Total Gas, RM-90-110B, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm	15000
7. Shield Building Vent Particulate, RM-90-100A, cpm 8. Shield Building Vent Total Gas, RM-90-110B, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm	
9. Shield Building Vent Iodine, RM-90-110B, cpm	2000
9. Shield Building Vent Iodine, RM-90-110B, cpm	200
The state of the s	50
Auxiliary Ruilding Vent Darking	10
RM-90-101A cpm	
- Auxiliary Building Vent Total Gas,	50
. Auxiliary Building Vent Iodine, RM-90-101C, cpm	80
Steam Generator Blowdown, RM-90-120A, cpm	10
. Steam Generator Blowdown RM-00-1214	5000
Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm	4000
131 70 77, CDIII	30
. Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm	
ERCW Discharge Header A, RM-90-133A, cpm	450
ERCW Discharge Header A, RN-90-140A, cpm	800
ERCW Discharge Header B, RN-90-134A, cpm	1500
ERCW Discharge Header B, RN-90-141A, cpm	1000
от пенаст в, ки-уо-тата, срм	500
2. 141A, cpm	The second secon

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Dat	e $2/6/85$ Time $T = 6 hr$. Un	it /
1.	the state of the party of the state and the second	e).
2.	Upper Containment High Range (top of SG #1 and #4 and	
3	Lower Containment High Range (inside polar containment High Range (inside polar containment)	
4.	Lower Containment High Range (inside polar	The second secon
5.	Shield Building Vent Low Pages (hele con a	5
6.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (on shield wall	er switch.
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall,	¥ < 10°
8.	Reactor Coolant Drain Tank Pump Discharge (on should well	
9.,	Reactor Building Floor and Four ment Drain Sure Design	20
10	RM-90-277, mR/hr 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	
11.	RHR Pump Room A-A Low Range Fley 653 PM-00-200 -D/L	15
13.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-291, mR/hr	¥ < 10 ³
14.	Condenser Vacuum Pump Air Exhaust Low Paper Flow 722	* < 103
6.	Condenser Vacuum Pump Air Exhaust High Range Flow 722	* <0.1
	Turbine Building, RM-90-256, mR/hr	* < 103

Remarks:

Data	by:	

Attachment 2

UNIT STATUS UPDATE

Dat	ce 2/6/85 Time 6 hrs. 30 min. Unit /
1.	Condensate Storage Tank Level, ft. A 24' B 24'
2.	Steam Generator Heat Sink Condenser (L1-2-230A) (L1-2-233A) Atmosphere
3.	Auxiliary Feedwater Flow Available
4.	Steam Generator Level (narrow range), % 1 36 2 3/ 3 0 4 33 Steam Generator Level (wide range) (LI-3-39) (LI-3-52) (LI-3-94) (LI-3-107)
5.	Steam Generator Level (wide range) % 1 80 2 9/3 (LI-3-94) (LI-3-107) Steam Generator Pressure, psig 1 350 2 350 3 (LI-3-98)
6.	Steam Generator Pressure, psig 1 350 2 350 3 (LI-3-98) Source Range, cps N31 2 (PI-1-2A) (PI-1-9A) (PI-1-27A)
7.	102 102
8.	Intermediate Range, ma N35 (XI-92-5002B) N36 N36
9.	Pressurizer Level, % (EI-92-5003B) (EI-92-5004B)
10.	Pressurizer Pressure, psig Wide Range ~ 75 Narrow Range < 1700
	Reactor Coolant Loop 4 Hot Leg Pressure, psig ~75
	Reactor Coolant System T _{Hot} (wide range) F 1 350 2 355 3 345 4 350
	Reactor Coolant System T _{Cold} (wide range) oF 1 320 2 320 3 320 4 325
14	Reactor Coolant Pumps was in (TR-68-18) (TR-68-60)
15.	near cor coording funding 1 // / / / / / / / / / / / / / / / / /
16.	Emergency Core Cooling System Status Standby Twop Injection From Recirculation Trop
17.	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm A-A B-B O
19.	Containment Pressure, psid (FI-72-13) (FI-72-34)
20.	Incore Thermocouples, °F 1 375 2 380 3 375 4 380 (60) (54) (44)
REMA	RKG.
a chairtely	

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

Lower Containment samp	Time T= 64r.		
Upper Containment samp	ole valve status	Open Open	Closed Closed
1. Lower Containment	Particulate, RM-90	-106A, cpm	5,000
2. Lower Containment	Total Gas. RM-90-10	OAR com	10,000
J. Lower Containment	lodine RM-90-1060	CDm	1,000
4. Upper Containment	Particulate, RM-90-	-112, cpm	7500
3. Opper Containment	Total Gas. RM-90-11	2R com	15000
o. opper containment	lodine, RM-90-112C	CDM	3000
/ Shield Building V	ent Particulate RM-	90-1001	200
o. Shield building V	ent Total Gas. RM-90	-110R com	50
y, shield building V	ent lodine. RM-90-10	OC, cpm	10
iv. Auxiliary Bulldin	g Vent Particulate,		
RM-90-101A, cpm 11. Auxiliary Building	g Vent Total Gas,		250
KM-90-101B, cpm			80
12. Auxiliary Building	g Vent Iodine, RM-90	-101C, cpm -	10
13. Steam Generator B	Lowdown, RM-90-120A	CDm	5000
14. Steam Generator Bl	lowdown, RM-90-121A	cnm	
13. Condenser Vacuum F	oump Air Exhaust, Lo	w Range.	4000
M1-40-99, CDM			30
PM-90-110	Sump Air Exhaust, Hi	gh Range,	
M1-30-119, CPM			450
The state of the s	der A, RM-90-133A,	cpm	800
11 To 11	der A, RM-90-140A,	c pm	1500
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	der B, RM-90-134A, d	:pm	1000
the bracharge hea	der B, RM-90-141A,	:pm	500
Remarks:			

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Dat	e 2/6/85 Time T= 6hr. 30min Uni	t /
1.	The second time the little light of the second and the second the second time to the second time time time time time time time time)
2.	Upper Containment High Range (top of SC #1 and #/	
3.	105, IUI-30-212, K/III	
,	Lower Containment High Range (inside polar crane wall, bet SG's #2 and #3), Elev. 715, RM-90-273, R/hr	
4.	Lower Containment High Range (incide)	Ween INCT BOSING
5.	Shield Building Vent (ow Range (below CCS C S	_
6.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfer	* < 0.1
7.		¥ < 10 ³
	Elev. 690 pipe chase) RM-90-275 mp/hm	
8.	Reactor Coolant Drain Tank Pump Discharge (on shall	10
9	Reactor Building Floor and Fourtment Design Comp	20
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	
0.	Reactor Building Floor and Equipment Drain Summer	20
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	
1.	RHR Pump Room A-A Low Range Flav 653 PM-00-200 -D/L	15
2.	A SIIIP ROOM A-A HIGH KANOP KIEU 652 DM-00-201 -D/L	¥ < 103
4.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-291, mR/hr RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr Condenser Vacuum Pump Air Elev. 653, RM-90-293, mR/hr	2
j.	Tacular Fully ALE EXPANSE LOW Range Flow 722	* < 103
Ś.	Condenser Vacuum Pump Air Exhaust High Pages Flow 722	* <0.1
	Turbine Building, RM-90-256, mR/hr	× <103

Remarks:

Data	by:	그리고 있는 사람들은 사람들이 얼마나 나를 하는 것이 없는 경우를 다 없다.	

Attachment 2

UNIT STATUS UPDATE

Da	te 2/6/85 Time 7 hours Unit /
1.	Condensate Storage Tank Level, ft. A 24' B 24'
2.	Steam Generator Heat Sink Condenser (LI-2-230A) (LI-2-233A)
3.	AUXILIARY Feedwater Flow Available V
4.	Stear, Generator Lough (see
	Steam Generator Level (marrow range), % 1 3/ 2 3 3 0 4 3 2 (LI-3-94) (LI-3-107)
5.	Steam Generator Level (wide range) % 1 29 2 79 3 6 4 80
	111-2-121
6.	Steam Generator Pressure, psig 1 250 2 250 3 0 (11-3-98)
	(PI-1-24) (PI-1-04) (PI-1-04)
7.	Source Range, cps N31 210 N32 210 (P1-1-20A) (P1-1-27A
	(VI-02-50010) 7VI 60 335555
8.	Intermediate Range, ma N35 10 - 11 (X1-92-5002B) - 11
	(FI = 92 = 5003R) /FI 02 50078
9.	Pressurizer Level, %
	(LI-68-335) 711-68-320)
10.	Pressurizer Pressure, psig Wide Range 75 Narrow Range 7700
	1D1 - 6-2 - 37.71 k 3
11.	Reactor Coolant Loop 4 Hot Leg Pressure, psig ~75
14.	Reactor Coolant System THot (wide range) of 1 320 2 3/5 3 320 4320
13.	Reactor Coolant System T _{Cold} (wide range) F 1 290 2 285 3 285 4 290
1/4	Reactor Coolant Pumps running (TR-68-18) (TR-68-60)
15	
16	Emergency Core Cooling System Status Standby Twop Injection Twop Recirculation Two
10.	
17	(L1-63-50) (L1-63-51)
11.	Containment Sump Level, %
	(11-62-176)
10.	Containment Spray Flow, gpm A-A B-B
	(FI-72-12V 77V
17.	Containment Pressure, psid (+) .17 (+) .18
20	[P1-30-44] (P1-30-45)
20.	Incore Thermocouples, °F 1330 2330 3 330 4 329
	(60) (54) (44)
REMA	RKS:
121111	

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

pper Containment sample valve status Open — Open — 1. Lower Containment Particulate PM 00 1001	Closed Closed
 Lower Containment Particulate, RM-90-106A, cpm Lower Containment Total Gas, RM-90-106B, cpm 	5,000
J. Lower Containment Todine RM-90-1066	10,000
opper containment Particulate RM-00-112	1,000
opper containment Total Gas RM-00-1120	7500
opper containment lodine RM-QQ-1120	15000
. Shield building vent Particulate PM-00-1004	3000
with purious vent lotal (as bw-00-1100	200
surera pariating vent lodine RM-00-1000	50
numitaly building vent Particulate	
RIT-90-101A, CDM	
. Auxiliary Building Vent Total Gas	250
M1-90-101B, CDM	0 -
. Auxiliary Building Vent Inding PM-00-1010	80
. Secam denerator Blowdown RM-qn-1204	10
. Steam Scherator Blowdown RM-90-1214 com	5000
. Condenser vacuum Pump Air Exhaust Low Dance	4000
141 70 77, CDM	
. Condenser Vacuum Pump Air Exhaust, High Range,	30
101 20-112, CDM	450
ERCW Discharge Header A, RM-90-133A, cpm	The state of the s
. Encw Discharge Meader A. RM-90-1404 com	800
the Discharge Header B RM-90-12/A	1500
ERCW Discharge Header B, RM-90-141A, cpm	1000
	500

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	$\frac{2/6/85}{\text{Time } T = 7 hr}$ Uni	. /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure).
2.	Upper Containment High Range (top of SG #1 and #4 enclosure	^
3.	Brev. 703, KIT-90-2/2, K/Nr	^
	Lower Containment High Range (inside polar crane wall, bets SG's #2 and #3), Elev. 715, RM-90-273, R/hr	14/0
4.	Lower Containment High Range (inside polar crans well bet	NCT COSING
5.	SG's #1 and #4), elev. 715, RM-90-274, R/hr Shield Building Vent Low Range (below CCS C-S pump transfer	5 switch
6.		u - a 1
7	Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	* Switch, 103
7.	Elev. 690 pipe chase). RM-90-275 mR/hr	10
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall	
9	Elev. 690 pipe chase), RM-90-276, mR/hr Reactor Building Floor and Equipment Drain Sump Pump	20
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	10
10.	Reactor Building Floor and Equipment Drain Sump Pump	20
	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
N 40 1	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	¥ < 103
* * *	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732	* < 103
	rutuine building, km-90-255 mR/hr	* <0.1
16.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	
	200, mil/112	* <10 ³

Remarks:

NOTE & INDICATES MINIMUM METER INDICATION

to be made

Data	by:	

Attachment 2

UNIT STATUS UPDATE

Da	te 2/6/85 Time 8 hours Unit /
1.	Condensate Storage Tank Level, ft. A 23' B 23'6"
2.	Steam Generator Heat Sink Condenser (LI-2-230A) (LI-2-233A) Atmosphere
3.	Auxiliary Feedwater Flow Available Van
4.	Starm Canavatas Ts. 1
5.	Steam Generator Level (narrow range), % 1 33 2 32 3 0 4 33 Steam Generator Level (wide range) % 1 80 2 79 3 0 4 80 Steam Generator Pressure psig
6.	Steam Generator Pressure, psig 1 190 2 185 3 (PI-1-20A) (PI-1-27A) Source Range, cps N31 2 10 N32
7.	132 270
8.	Intermediate Range, ma N35 (XI-92-5002B) N36 (EI-92-5004B)
9.	Pressurizer Level, % (EI-92-5003B) (EI-92-5004B) (LI-68-335) (LI-68-320)
10.	Pressurizer Pressure, psig Wide Range ~ 50 Narrow Range < 1700
11.	Reactor Coolant Loop 4 Hot Leg Pressure, psig ~50
12.	Reactor Coolant System T _{Hot} (wide range) oF 1290 2285 3285 4290
13.	Reactor Coolant System T _{Cold} (wide range) of 1285 2280 3290 4290 (TR-68-18) (TR-68-60)
14.	Reactor Coolant Pumps running 1 No 2 No 3 Nb 4 Nb
1.2 .	Emergency Lore Cooling System Status Standby Teop Lauretian France Processing Transferred
10.	
17.	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm A-A B-B
19.	Containment Pressure, psid (+) .18 (+) .18 (+) .18 (+) .18
20.	Incore Thermocouples, °F $1 \frac{290}{600} 2 \frac{285}{54} \frac{390}{440} 4 \frac{290}{410}$
REMA	RKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

	r Containment sample valve status Open or Containment sample valve status Open	Closed Closed
2.	Lower Containment Particulate, RM-90-106A, cpm	5,000
3.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
4.	Lower Containment Iodine, RM-90-106C, cpm Upper Containment Particulate, RM-90-112, cpm	1,000
5.	Upper Containment Total Gas, RM-90-112, cpm	7500
6.	Upper Containment Iodine, RM-90-1128, cpm	15000
7.	Shield Building Vent Particulate, RM-90-100A, cpm	3000
8.	Shield Building Vent Total Gas, RM-90-1108, cpm	200
9.	Shield Building Vent Iodine, RM-90-100C, cpm	50
).	Auxiliary Building Vent Particulate,	10
	RM-90-101A, cpm	
	Auxiliary Building Vent Total Gas, -	250
	RM-90-101B, cpm	0 -
	Auxiliary Building Vent Iodine, RM-90-101C, cpm	80
	Steam Generator Blowdown, RN-90-120A, cpm	10
	Steam Generator Blowdown, RM-90-121A, cpm	5000
	Condenser Vacuum Pump Air Exhaust, Low Range,	4000
	RM-90-99, cpm	
	Condenser Vacuum Pump Air Exhaust, High Range,	30
	RM-90-119, cpm	15-
	ERCW Discharge Header A, RM-90-133A, cpm	450
	ERCW Discharge Header A, RM-90-140A, cpm	800
.)	ERCW Discharge Header B, RM-90-134A, cpm	1500
. 1	ERCW Discharge Header B, RM-90-141A, cpm	1000
		500

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	$\frac{2/6/85}{\text{Time } T = 8hr.}$ Uni	t /	
1.	Upper Containment High Range (top of SG#2 and #3 enclosure),	
2.	Elev. 785, RM-90-271, R/hr Upper Containment High Range (top of SG #1 and #4 enclosur	0	
3.	Elev. 785, KM-90-2/2, R/N:	^	
٥.	Lower Containment High Range (inside polar crane wall, bet SG's #2 and #3), Elev. 715, RM-90-273, R/hr		
4.	Lower Containment High Range (inside polar crane wall bet	ween	easing
5.	Shield Building Vent Low Range (heles CCS Cos augustines)	5	
6.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	* <0	./
	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (controlled mR/hr	er switch,	03
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr		
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall		0
9	Elev. 690 pipe chase), RM-90-276, mR/hr Reactor Building Floor and Equipment Drain Sump Pump	2	0
	Discharge, (on shield wall, Elev. 690 nine chase)		
10.	RM-90-277, mR/hr Reactor Building Floor and Equipment Drain Sump Pump	2	0
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr		_
11.	RHR Pump Room A-A Low Range, Elev. 653 RM-90-290 mb/br		5
12.	Kilk rump koom A-A High Range, Elev. 653, RM-90-201 mp/hr	* <11	93
14.	RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr	× - 3	2
15.	Condenser vacuum rump Air Exhaust Low Range Flev 732	* 11)-
16.	Turbine Building, RM-90-255, mR/hr Condenser Vacuum Pump Air Exhaust High Range, Elev. 732	* 50	1
	Turbine Building, RM-90-256, mR/hr	* </td <td>103</td>	103

Remarks:

Data	by:	
	1.5	The state of the s

Attachment 2

UNIT STATUS UPDATE

Da	te 2/6/85 Time 8 hr. 30 min Unit /
1.	Condensate Storage Tank Level, ft. A 23' B 23'
2.	Steam Generator Heat Sink Condenser Auxiliary Feedwater Flow Available Yes (LI-2-230A) Atmosphere No
4.	Steam Generator Level (narrow range), % 1 33 2 33 3 4 33
5.	Steam Generator Level (wide range) % 1 20 (LI-3-52) (LI-3-94) (LI-3-107)
6.	Steam Generator Pressure, psig 1 110 (LI-3-43) (LI-3-98)
7.	Source Range, cps N31 210 N32 (PI-1-2A) (PI-1-9A) (PI-1-2OA) (PI-1-27A)
8.	Intermediate Range, ma N35 (XI-92-5002B) (XI-92-5002B) (EI-92-5004B)
9.	Pressurizer Level, %
10.	Pressurizer Pressure, psig Wide Range ~50 Narrow Range < 1700
11.	Reactor Coolant Loop 4 Hot Lee Pressure psic (PI-68-340A)
12.	Reactor Goolant System THot (wide range) F 1 275 2 275 3 275 4 200
	Cold (wide range) 1 1260 2270 3 260 4 260
14. 15. 16.	Reactor Coolant Pumps running 1 No 2 No 3 16 4 No RWST Level, % Standby Two Injection Two Recirculation Two
	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm A-A B-B
19.	Containment Pressure, psid (FI-72-13) (FI-72-34)
20.	Incore Thermocouples, °F 1 275 2 275 3 2 2 4 275
REMA	RKS: (34) (41)

Data by:

-9-

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

opper	Containment sample valve status Open	Closed
2.	Lower Containment Particulate, RM-90-106A, cpm	5,000
3.	Lower Containment Total Gas, RM-90-106B, cpm	10,000
	Lower Containment Iodine, RM-90-106C, cpm	1,000
5.	Upper Containment Particulate, RM-90-112, cpm	7500
6.	Upper Containment Total Gas, RM-90-112B, cpm	15000
7.	Upper Containment Iodine, RM-90-112C, cpm	3000
8.	Shield Building Vent Particulate, RM-90-100A,cpm	200
9.	Shield Building Vent Total Gas, RM-90-110B, cpm - Shield Building Vent Iodine, RM-90-100C, cpm -	50
10.	Auxiliary Building Vent Particulate,	10
	RM-90-101A, cpm	
1.	Auxiliary Building Vent Total Gas,	250
	RM-90-101B, cpm	0 -
2.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	80
3.	Steam Generator Blowdown, RN-90-120A, cpm	70
4.	Steam Generator Blowdown, RM-90-121A, cpm	5000
5. (Condenser Vacuum Pump Air Exhaust, Low Range,	4000
	01-90-99, cpm	20
6. (Condenser Vacuum Pump Air Exhaust, High Range,	30
	M-90-119, cpm	450
7. E	RCW Discharge Header A, RM-90-133A, cpm	THE RESIDENCE OF THE PARTY OF T
1 . 0	RCW Discharge Header A, RM-90-140A, cpm	800
9. 1	RCW Discharge Header B. RM-90-134A. com	1500
0. E	RCW Discharge Header B, RM-90-141A, cpm	1000
		500

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	2/6/85 Time T= 8 hr. 30 min Uni	t /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure).
2.	Upper Containment High Range (top of SG #1 and #4 enclosure	Δ.
3.	212. 703, MI-3U-2/2. K/hr	a
	Lower Containment High Range (inside polar crane wall, bet SG's #2 and #3), Elev. 715, RM-90-273, R/hr	
4.	Lower Containment High Range (incide polar crass will be	ween INCTeasing
5.	Shield Building Vent Joy Pages (balances)	5
6.	Shield Building Vent High Pages (b.) 881-90-260, mR/hr	* < 0.1
7.	6900 V shutdown board room), elev. 734, RN-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RN-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (on shield walk	er switch, 103
	Elev. 690 pipe chase) RM-90-275 mR/hr	
8.	Reactor Coolant Drain Tank Pump Discharge (on shaild and)	
9.,	Elev. 690 pipe chase), RM-90-276, mR/hr Reactor Building Floor and Equipment Drain Sump Pump	20
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	10
10.	Reactor Building Floor and Equipment Drain Sump Duma	20
	Discharge, (on shield wall, Elev. 690 pipe chase), PM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	10
	Tump houm b-b Low Kange Fley 653 DM-00-202 -b/L	¥ < 10 ³
	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732	* < 103
	. divine building, km-90-255 mg/hr	* <0.1
	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* <103
		- \10

Remarks:

Data by:	[[발표][[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[

Attachment 2

UNIT STATUS UPDATE

Da	te_2/6/85 Time 9 hr. Unit /
	Condensate Storage Tank Level, ft. A 23' B 23'
2.	Steam Generator Heat Sink Condenser Auxiliary Feedwater Flow Available (LI-2-230A) Atmosphere
3.	Auxiliary Feedwater Flow Available Voc
4.	Steam Generator Level (narrow range), % 1 32 2 33 3 0 4 32
5.	Steam Generator Level (wide range) % 1 80 2 80 3 0 4 79
6.	Steam Generator Pressure, psig 1 ~ 75 2 ~ 70 3 0 (LI-3-98)
7.	Source Range, cps N31 210 N32 (PI-1-9A) (PI-1-9A) (PI-1-27A)
8.	Intermediate Range, ma N35 10-11 (X1-92-5002B) N36
9.	Pressurizer Level, % (EI-92-5003B) (EI-92-5004B)
10.	Pressurizer Pressure, psig Wide Range Narrow Range 1700
11.	Reactor Coolant Loop 4 Hot Leg Pressure, psig 750 (PI-68-340A)
	Reactor Coolant System T _{Hot} (wide range)°F 1 250 2 250 3 250 4245
13.	Reactor Coolant System T _{Cold} (wide range)°F 1 2 35 2270 3 245 4 240 Reactor Coolant Pumps running 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1/4	Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
15	Reactor Coolant Pumps running 1 No 2 No 3 No 4 No
16.	Emergency Core Cooling System Status Standby Inopinjection Inop Recirculation Inop
	Containment Sump Level, % (LI-63-51)
18.	Containment Spray Flow, gpm A-A B-B
19.	Containment Pressure, psid (+)(FI-72-13) (+)(FI-72-34)
20.	Incore Thermocouples, °F (PI-30-44) (PI-30-45) (PI-30-45) (60) (54) (44) (75)
DEMA	DVC. (41)
NE:12	RKS:

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

	er Containment sample valve status Open er Containment sample valve status Open	Closed Closed
1.	Lower Containment Particulate, RM-90-106A, cpm Lower Containment Total Gas, RM-90-106B, cpm	5,000
3.	Lower Containment lodine RM-00-1060	10,000
4.	opper containment Particulate RM-00-112	1,000
5.	opper containment lotal has pm-qn-112p	7500
6.	opper containment lodine RM-90-1120 com	15000
7.	Shield building Vent Particulate RM-GO-1004	3000
8.	Siletu building vent lotal Gas RM-00-110P	200
9.	Sillerd building vent lodine RM-90-1000	50
10.	- auxiliary building Vent Particulate	10
	R1-90-101A, CDM	
11.	Auxiliary Building Vent Total Gas -	250
	K11-90-101B, CPM	80
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	90
13.	Steam Generator Blowdown, RM-90-1204 cpm	
14.	Steam Generator Blowdown, RM-90-1214 com	5000
15.	Condenser vacuum Pump Air Fyhaust Lou Pages	4000
,	idi jo jj. CDB	20
6.	Condenser Vacuum Pump Air Exhaust, High Range,	30
	101 JU 117, CPM	450
7.	ERCW Discharge Header A, RM-90-133A, cpm	
8.	Encw Discharge Header A. RM-90-140A com	800
7.	ENCW Discharge Header B. RN-90-1344 com	1500
0.	ERCW Discharge Header B, RM-90-141A, cpm	1000
		500

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	$= \frac{2/6/85}{\text{Time } T = 9hc}$ Uni	t /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure)
2.	Elev. 785, RM-90-271, R/hr Upper Containment High Range (top of SG #1 and #4 enclosur	^
3.	6164. 765, KIT-90-2/2. K/hr	^
4.	Lower Containment High Range (inside polar crane wall, bets SG's #2 and #3), Elev. 715, RM-90-273, R/hr	
	SG's #1 and #4), elev. 715 RM-90-274 P/h-	ween _
5.	Shield Building Vent Lou Dance (b-1- coc a c	switch,
6.	6900 V shutdown board room), elev. 734, RN-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (on shield wall	* Co.1
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall,	¥ < 10°
8.	Reactor Coolant Drain Tank Pump Discharge (on shoild well	
9	Elev. 690 pipe chase), RM-90-276, mR/hr Reactor Building Floor and Equipment Drain Sump Pump	20
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-277, mR/hr	
10.	Reactor Building Floor and Equipment Drain Sump Pump	20
	RM-90-278, mR/hr	15
11.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	10
12.	Tump Knom A-A high Kange, Fley 653 RM-00-201 -D/L-	¥ < 103
	rump Room D-D Low Range, Fley 653 RM-90-202 mp/h-	2
15.	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732	* < 103
	raturne buriding, KM-90-255 mR/hr	* <0.1
	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	
		* <10 ³
20mar	be .	

Remarks

Data by:	

Attachment 2

UNIT STATUS UPDATE

Da	te 2/6/85 ime 10 hours	Unit/
1.	Condensate Storage Tank Level, ft. A 22	' B d2'6"
2.	Steam Generator Heat Sink Condenser (LI-2-	230A) (L1-2-233A)
3.	All XI lary hood intox Flore Are 1 1 1	Atmosphere X
4.	Steam Generator Level (narrow range), % 1 3	3 2 32 3 0 4
5.	Steam Generator Level (wide range) % 1	-39) (L1-3-52) (L1-3-94) (L1-3-94)
6.	Steam Generator Pressure, psig	(LI-3-43) 0 2 ~ 50 3 0 (LI-3-98)
7.	Source Range, cps N31 210 N32 21	(P1-1-9A) (P1-1-20A) (P1-
8.	Intermediate Range, ma N35 (XI-92-5001B) (XI-92-N36)	10-"
9.	Pressurizer Level. % (E1-92-5003B)	
10.	Pressurizer Pressure, psig Wide Range	Narrow Range < 1700
11	Reactor Coolant Loop 4 Hot Leg Pressure, psig	~ 50
12.	Reactor Coolant System THot (wide range) F 1	(PR-68-66) 40 2 235 3 240 4 24
13.	Reactor Coolant System T _{Cold} (wide range)°F 1	35 2 235 3 230 4 2
14.	Reactor Coolant Pumpe vunning 1 44 o	(TR-68-18)
15. 16.	Emergency Core Cooling System Status Standby I	vop Injection Inop Recirculation
17.	Containment Sump Level, % (LI-63-51)	
18.	Containment Spray Flow, gpm (LI-63-176) A-A O	B-B 0
19.	Containment Pressure, psid (F1-72-13) (P) 20	(+).19
20.	Incore Thermocouples, °F $\begin{pmatrix} PI-30-44 \\ 1 & 40 \end{pmatrix}$ 2 $\begin{pmatrix} PI-30-44 \\ 60 \end{pmatrix}$ 2 $\begin{pmatrix} CI \\ CI \end{pmatrix}$	50 3 240 4 240 (44)
REMA	RKS:	

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

5,000 10,000 1,000 15000 15000 200 50
10,000 1,000 1500 15000 3000 200 50
1,000 1500 15000 3000 200 50
7500 15000 3000 200 50
15000 3000 200 50
3 000 200 50
200
50
250
80
10
5000
4000
30
15-
450
800
1500
1000
500

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Dat	e $\frac{2/6/85}{1}$ Time $T = 10 \text{ hr}$. Un	it /
1.	The state of the s	2)
2.	Upper Containment High Range (top of SG #1 and #4 ons leave	•
3.	2.27. 103, MI-30-2/2. K/Nr	A
4.	Lower Containment High Range (inside polar crane wall, bet SG's #2 and #3), Elev. 715, RM-90-273, R/hr	
5.	Lower Containment High Range (inside polar crane wall, bet SG's #1 and #4), elev. 715, RM-90-274, R/hr	ween
	Sillery Dullging Vent low Range (heles con a	r switch,
6.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (on shield wall	er switch, 3
7.	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	
8.	Reactor Coolant Drain Tank Pump Discharge (on shoild wall	
9	Reactor Building Floor and Equipment Drain Suma Pura	20
	RM-90-277, mR/hr	20
10.	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase),	
11.	RM-90-278, mR/hr RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	15
12.	Tamp Room A-A filen kange, kieu 653 PM-00-201 D/L	¥ < 10 ³
4.	RHR Pump Room B-B High Range Fley 653 PM-90-292, mR/hr	¥ = 103
	Turbine Building, RM-90-255 mR/hr	* < 0.1
6.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	* <0.1
		* < 10 ³

Remarks:

Data	by:	
		/

Attachment 2

UNIT STATUS UPDATE

Date	2/6/85 Time 10 hr. 20 min Unit /
1.	Condensate Storage Tank Level, ft. A 22' B 22' 6"
٦.	Steam Generator Heat Sink Condenser Auxiliary Feedwater Flow Available Steam Generator Level (narrow range), % 1 33 2 33 3 0 4 33
	Steam Generator Level (wide range) % 1 (L1-3-39) (L1-3-52) (L1-3-94) (L1-3-107)
6.	Steam Generator Pressure, psig 1240 2 250 3 (LI-3-98)
7.	Source Range, cps N31 210 N32 (F1-1-9A) (F1-1-20A) (P1-1-27A)
8.	Intermediate Range, ma N35 10 1 (XI-92-5002B) N36 10 11
9. 1	Pressurizer Level, % (E1-92-5003B) (E1-92-5004B)
10. I	Pressurizer Pressure, psig Wide Range ~50 (LI-68-320) Narrow Range ~1700
11. F	Reactor Coolant Loop 4 Hot Leg Pressure, psig ~ 50 (PI-68-340A)
	Reactor Coolant System THot (wide range) of 1240 23353 2404 240
13. K	eactor Coolant System T _{Cold} (wide range) of 1 2 3 5 2 2 30 3 2 30 4 2 30
14. R	mergency Core Cooling System Status Standby Exep Injection Exer Recirculation Ixon
17. C	ontainment Sump Level, % (LI-63-51)
18. C	ontainment Spray Flow, gpm A-A B-B
19. C	ontainment Pressure, psid $(+)$ $(FI-72-13)$ $(FI-72-34)$
20. II	(PI-30-44) (PI-30-45) 1 2 40 2 2 48 3 2 40 4 2 40
REMARK	<u>(S:</u>

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

1. Lower Containment Particulate, RM-90-106A, cpm 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 8. Shield Building Vent Total Gas, RM-90-110B, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm 10. Auxiliary Building Vent Particulate, RM-90-101A, cpm 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-90-00	5,000 10,000 1,000 15000 3000 200 50 10
Upper Containment Todine, RM-90-106C, cpm Upper Containment Particulate, RM-90-112, cpm Upper Containment Total Gas, RM-90-112B, cpm Upper Containment Iodine, RM-90-112C, cpm Shield Building Vent Particulate, RM-90-100A, cpm Shield Building Vent Total Gas, RM-90-110B, cpm Shield Building Vent Iodine, RM-90-100C, cpm Auxiliary Building Vent Particulate, RM-90-101A, cpm Auxiliary Building Vent Total Gas, RM-90-101B, cpm Auxiliary Building Vent Total Gas, RM-90-101B, cpm Steam Generator Blowdown, RM-90-120A, cpm Steam Generator Blowdown, RM-90-121A, cpm Steam Generator Blowdown, RM-90-121A, cpm	10,000 1,000 1500 15000 3000 200 50
4. Upper Containment Particulate, RM-90-112, cpm Upper Containment Total Gas, RM-90-112B, cpm Upper Containment Iodine, RM-90-112C, cpm 7. Shield Building Vent Particulate, RM-90-100A, cpm 8. Shield Building Vent Total Gas, RM-90-110B, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm 10. Auxiliary Building Vent Particulate, RM-90-101A, cpm 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. Steam Generator Blowdown, RM-90-121A, cpm 16. Steam Generator Blowdown, RM-90-121A, cpm	1,000 1500 15000 200 50
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 8. Shield Building Vent Total Gas, RM-90-110B, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm 10. Auxiliary Building Vent Particulate, RM-90-101A, cpm 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	7500 15000 3000 200 50
6. Upper Containment Iodine, RM-90-112C, cpm 7. Shield Building Vent Particulate, RM-90-100A, cpm 8. Shield Building Vent Total Gas, RM-90-110B, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm 10. Auxiliary Building Vent Particulate, RM-90-101A, cpm 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. Steam Generator Blowdown, RM-90-121A, cpm	15000 3000 200 50
8. Shield Building Vent Total Gas, RM-90-100A, cpm 9. Shield Building Vent Iodine, RM-90-100C, cpm 10. Auxiliary Building Vent Particulate, RM-90-101A, cpm 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. Steam Generator Blowdown, RM-90-121A, cpm	3 00 0 200 50 10
9. Shield Building Vent Total Gas, RM-90-110B, cpm O. Auxiliary Building Vent Particulate, RM-90-101A, cpm 1. Auxiliary Building Vent Total Gas, RM-90-101B, cpm 2. Auxiliary Building Vent Iodine, RM-90-101C, cpm 3. Steam Generator Blowdown, RM-90-120A, cpm 4. Steam Generator Blowdown, RM-90-121A, cpm	200 50 10
O. Auxiliary Building Vent Todane, RM-90-100C, cpm RM-90-101A, cpm 1. Auxiliary Building Vent Total Gas, RM-90-101B, cpm 2. Auxiliary Building Vent Iodine, RM-90-101C, cpm 3. Steam Generator Blowdown, RM-90-120A, cpm 4. Steam Generator Blowdown, RM-90-121A, cpm	50
RM-90-101A, cpm 1. Auxiliary Building Vent Total Gas, RM-90-101B, cpm 2. Auxiliary Building Vent Iodine, RM-90-101C, cpm 3. Steam Generator Blowdown, RM-90-120A, cpm 4. Steam Generator Blowdown, RM-90-121A, cpm	10
RM-90-101A, cpm 1. Auxiliary Building Vent Total Gas, RM-90-101B, cpm 2. Auxiliary Building Vent Iodine, RM-90-101C, cpm 3. Steam Generator Blowdown, RM-90-120A, cpm 4. Steam Generator Blowdown, RM-90-121A, cpm	
1. Auxiliary Building Vent Total Gas, RM-90-101B, cpm 2. Auxiliary Building Vent Iodine, RM-90-101C, cpm 3. Steam Generator Blowdown, RM-90-121A, cpm 4. Steam Generator Blowdown, RM-90-121A, cpm	250
RM-90-101B, cpm 2. Auxiliary Building Vent Iodine, RM-90-101C, cpm 3. Steam Generator Blowdown, RM-90-120A, cpm 4. Steam Generator Blowdown, RM-90-121A, cpm	100
2. Auxiliary Building Vent Iodine, RM-90-101C, cpm 3. Steam Generator Blowdown, RM-90-120A, cpm 4. Steam Generator Blowdown, RM-90-121A, cpm	
3. Steam Generator Blowdown, RN-90-120A, cpm Steam Generator Blowdown, RN-90-121A, cpm	80
4. Steam Generator Blowdown, RM-90-121A, cpm	10
The series of Diowdown Ruedown Com	5000
, wildeliget vacilim plimp are lobalist for b	4000
RM-90-99, cpm	1000
Condenser Vacuum Pump Air Fybauet With D	30
RM-90-119, cpm Pump Air Exhaust, High Range,	
>0 11), Chiii	450
and the meduci n. Mil-yu-1314 com	800
The second of th	1500
beautiful near period of the state of the st	1000
ERCW Discharge Header B, RM-90-141A, cpm	500

SQN-REP-IPD SQN, IP-6 Page 3 of 4 Rev. 10

Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	= 2/6/85 Time T= 10 hr. 20 min Uni	t /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure).
2.	Elev. 785, RM-90-271, R/hr Upper Containment High Range (top of SG #1 and #4 enclosur	^
	Elev. 785, KM-90-2/2, R/hr	^
3.	Lower Containment High Range (inside polar crane wall, bet SG's #2 and #3), Elev. 715, RM-90-273, R/hr	ween ,
4.	Lower Containment High Range (inside polar crane wall bet	Ween INCT Basing
5.	30 5 #1 and #4), elev. /15, RM-90-274 R/hr	6
	Shield Building Vent Low Range (below CCS C-S pump transfe 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	r switch,
6.	Shield Building Vent High Range (below CCS C-S pump transf. 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr	er switch, 3
7.	Reactor Coolant Drain Tank Pump Discharge (on smield wall	¥ < 10°
8.	Elev. 690 pipe chase), RM-90-275, mR/hr Reactor Coolant Drain Tank Pump Discharge (on sheild wall,	
	Elev. 090 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),	
10.	RM-90-277, mR/hr	20
10.	Reactor Build g Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase),	
11.	Rn-90-2/8, mR/hr	15
12.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr	10,
13. 14.	KAR Fump Room B-B Low Range, Elev. 653. RM-90-292, mR/hr	1
	RHR Pump Room B-B High Range, Elev. 653, RM-90-293, mR/hr Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732	¥ < 103
	Turbine Building, RM-90-255, mR/hr	* 50.1
	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:	

SQN-REP-IPD SQN, IP-6 Page 1 of 4 Rev. 10

Attachment 2

UNIT STATUS UPDATE

Da	te 2/6/85 Time // hours Unit /
1.	Condensate Storage Tank Level, ft. A da' B aa'
2. 3. 4.	Atmosphere V
	Steam Generator Level (wide range) % 1 80 2 80 3 0 4 33 (LI-3-107)
6.	Steam Generator Pressure, psig 1 ~ 70 2 ~ 35 3 0 (LI-3-98) 4 ~ 40
7.	Source Range, cps N31 210 N32 (PI-1-9A) (PI-1-20A) (PI-1-27A)
8.	Intermediate Range, ma N35 (XI-92-5002B) N36
	Pressurizer Level, % (EI-92-5003B) (EI-92-5004B)
	Pressurizer Pressure, psig Wide Range ~ 45 Narrow Range < 1700
	Reactor Coolant Loop 4 Hot Leg Pressure, psig ~ 45
12.	Reactor Coolant System T _{Hot} (wide range) oF 1 235 2 230 3 235 4 235
13.	Reactor Coolant System T _{Cold} (wide range)°F 1 2 30 2 2 30 3 22 5 4 23 5
14.	Reactor Coolant Pumps running 1 No 2 No 3 No 4 No RWST Level, % (TR-68-60)
	Containment Sump Level, % (L1-63-51)
18.	Containment Spray Flow, gpm A-A B-B
19.	Containment Pressure, psid (FI-72-13) (FI-72-34)
20.	Incore Thermocouples, °F $1 \frac{(PI-30-44)}{35} = 2 \frac{(PI-30-45)}{(54)} = 3 \frac{35}{(44)} = 3 \frac{35}{(44)} = 3 \frac{35}{(41)} = 3 3$
REMA	RKS:

Data by:

SQN-REP-IPD SQN, IP-6 Page 2 of 4 Rev. 10

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

ppe	r Containment sample valve status r Containment sample valve status	Open	Closed Closed
2.	Lower Containment Particulate, RM-90)-106A, cpm	5,000
3.	Lower Containment Total Gas, RM-90-1 Lower Containment Iodine, RM-90-1060	06B, cpm	10,000
4.	Upper Containment Particulate, RM-90	, cpm	1,000
5.	Upper Containment Total Gas, RM-90-1	1-112, cpm	7500
6.	Upper Containment Iodine, RM-90-1120	12B, cpm	15000
7.	Shield Building Vent Particulate, RM	, cpm	3000
8.	Shield Building Vent Total Gas, RM-9	-90-100A, cpm	200
9.	Shield Building Vent Iodine, RM-90-1	o-110B, cpm	50
0.	Auxiliary Building Vent Particulate,	out, cpm	
Ten	RM-90-101A, cpm		
1.	Auxiliary Building Vent Total Gas,		250
	RM-90-101B, cpm		0 -
2.	Auxiliary Building Vent Indine RM-0	0-1010	80
	Steam Generator Blowdown, RM-90-120A	com, cpm	10
	delierator Blowdown RM-90-1214	CDM	5000
	condenser vacuum Pump Air Fyhauet I.	, cpm	4000
	a. 70 77, CDM		
. (Condenser Vacuum Pump Air Exhaust Wi	oh Panao -	30
	2, 70 117, CDM		1-
. E	RCW Discharge Header A. RM-90-1334	com	450
	new Discharge Header A RM-00-1404	COM	800
	new Discharge, Header B. RM-90-1364	CDM	1500
. E	RCW Discharge Header B, RM-90-141A,	cpm	1000
	7, 111,		500

Data By:

SQN-REP-IPD SQN, IP-6 Page 3 of 4 Rev. 10

Attachment 2b

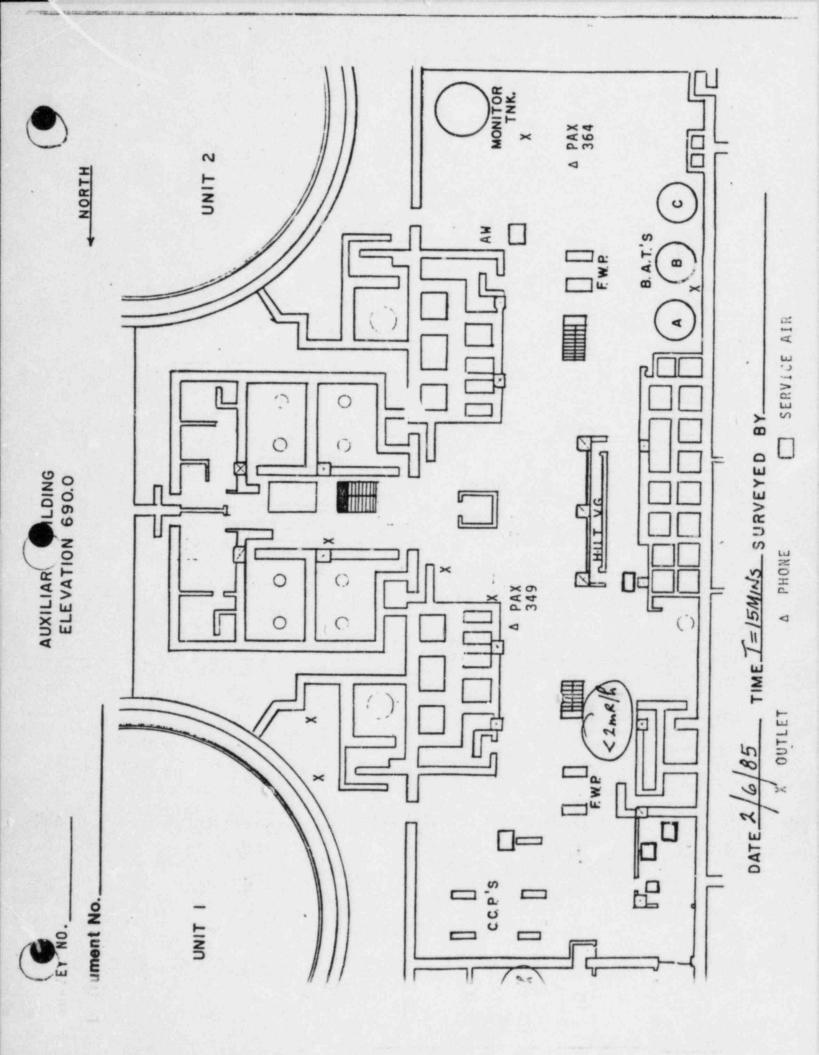
POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	$e \frac{2/6/85}{100}$ Time $T = 11 hc. Un$	nit /
1.	Upper Containment High Range (top of SG#2 and #3 enclosure	·e).
2.	Upper Containment High Range (top of SG #1 and #4 encloses	^
3.	11cv. 703, KIT-90-2/2, K/III	^
4.	Lower Containment High Range (inside polar crane wall, bet SG's #2 and #3), Elev. 715, RM-90-273, R/hr	11/2
	Lower Containment High Range (inside polar crane wall, bet SG's #1 and #4), elev. 715, RM-90-274, R/hr	tween
5.	Sillerd Bullding Vent low Pance (balan ccc c c	er switch,
6.	6900 V shutdown board room), elev. 734, RM-90-260, mR/hr Shield Building Vent High Range (below CCS C-S pump transfe 6900 V shutdown board room), Elev. 734, RM-90-261, mR/hr Reactor Coolant Drain Tank Pump Discharge (on object)	fer switch
7.		¥ < 10°
8.	Elev. 690 pipe chase), RM-90-275, mR/hr Reactor Coolant Drain Tank Pump Discharge (on sheild wall,	10
9	biev. 030 pipe chasel, KM-40-7/6 mR/h-	20
	Reactor Building Floor and Equipment Drain Sump Pump Discharge, (on shield wall, Elev. 690 pipe chase).	
10.	RM-90-277, mR/hr Reactor Building Floor and Equipment Drain Sump Pump	20
	Discharge, (on shield wall, Elev. 690 pipe chase), RM-90-278, mR/hr	
11.	RHR Pump Room A-A Low Range, Elev. 653 RM-90-200 mp/h-	15
	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr RHR Pump Room B-B Low Range, Elev. 653, RM-90-292, mR/hr	¥ < 103
	Kin rump Room B-B High Range Fley 653 PM-00-202 mp/h-	¥ = 103
	Condenser Vacuum Pump Air Exhaust Low Range, Elev. 732 Turbine Building, RM-90-255, mR/hr	*
10.	Condenser Vacuum Pump Air Exhaust High Range Floy 732	* <0.1
	Turbine Building, RM-90-256, mR/hr	* <10 ³
	••••••••••••••••••••••••	

Remarks:

NOTE & INDICATES MINIMUM METER INDICATION

Data	by:	
- K.		



AUXILIARY BUILLING EL. 669.0' NORTH H mR/h D C PAX 309 -VALVE GALLERY-GAS DECAY TANK ROOMS Instrument No. | B5 OUTLET

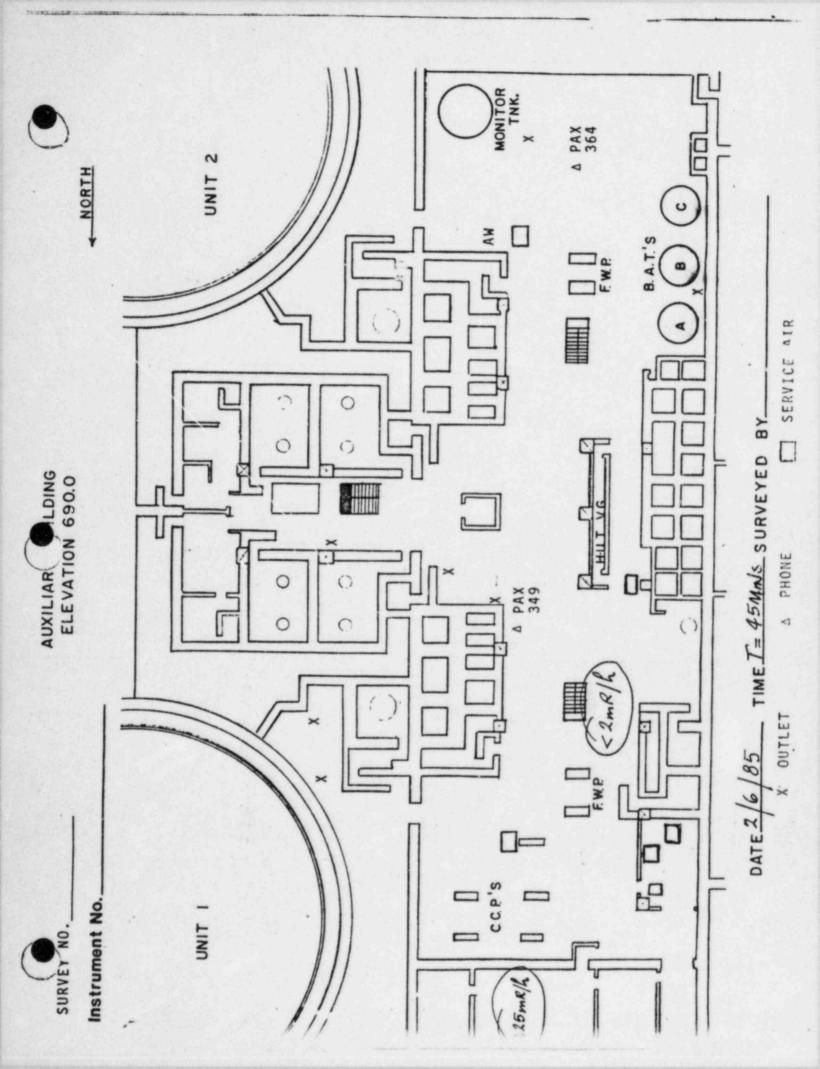
SURVEY NO.

Time_T= 15MINs.

Surveyed By_

LIGHT SWITCH

PHONE



AUXILIARY BUILLING EL. 669.0' NORTH H NORMAL NORMAL/NORMAL D PAX 309 CNORMAL/NORMAL/NORMAL/S
GAS DECAY TANK ROOMS Instrument No. Bote _ 2/6/85 OUTLET

SURVEY NO.

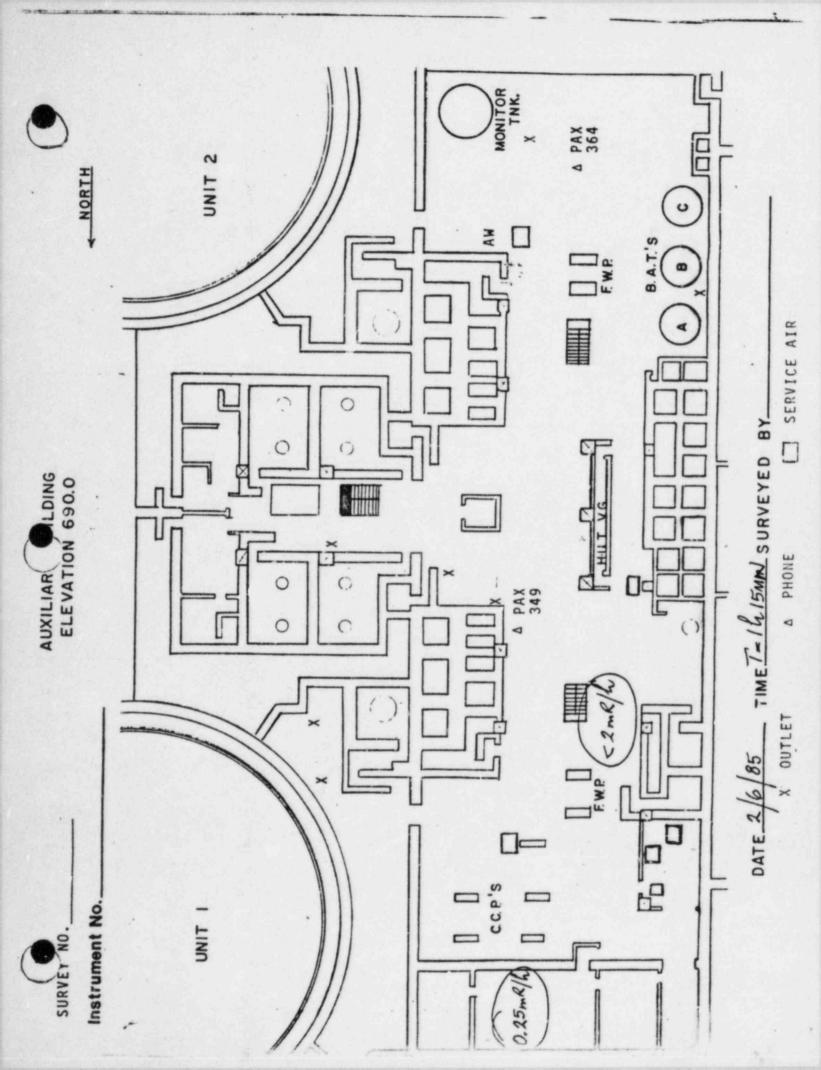
T= 45MINS

Time.

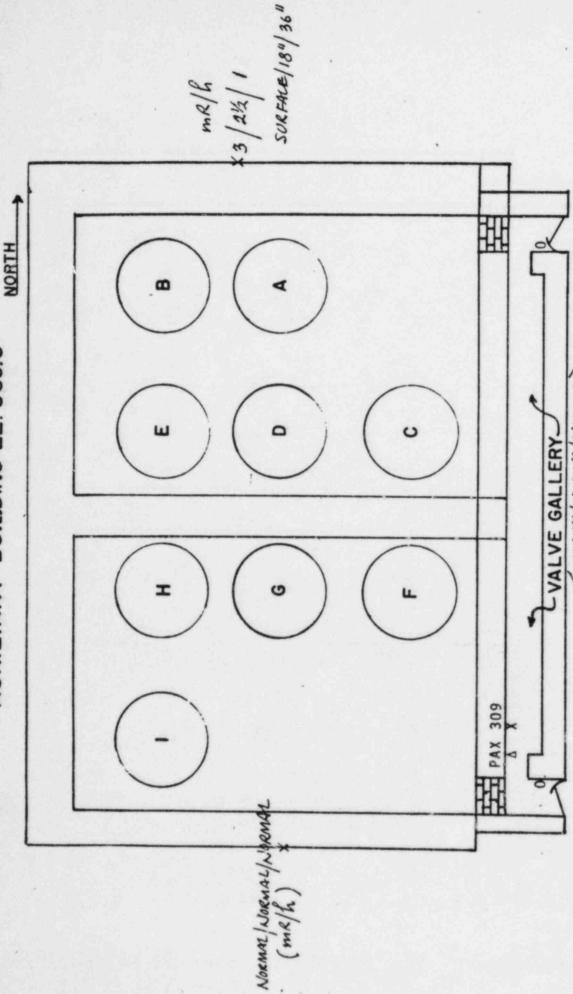
Surveyed By_

LIGHT SWITCH

PHONE



AUXILIARY BUILLING EL. 669.0'



GAS DECAY TANK ROOMS

OUTLET

O LIGHT SWITCH

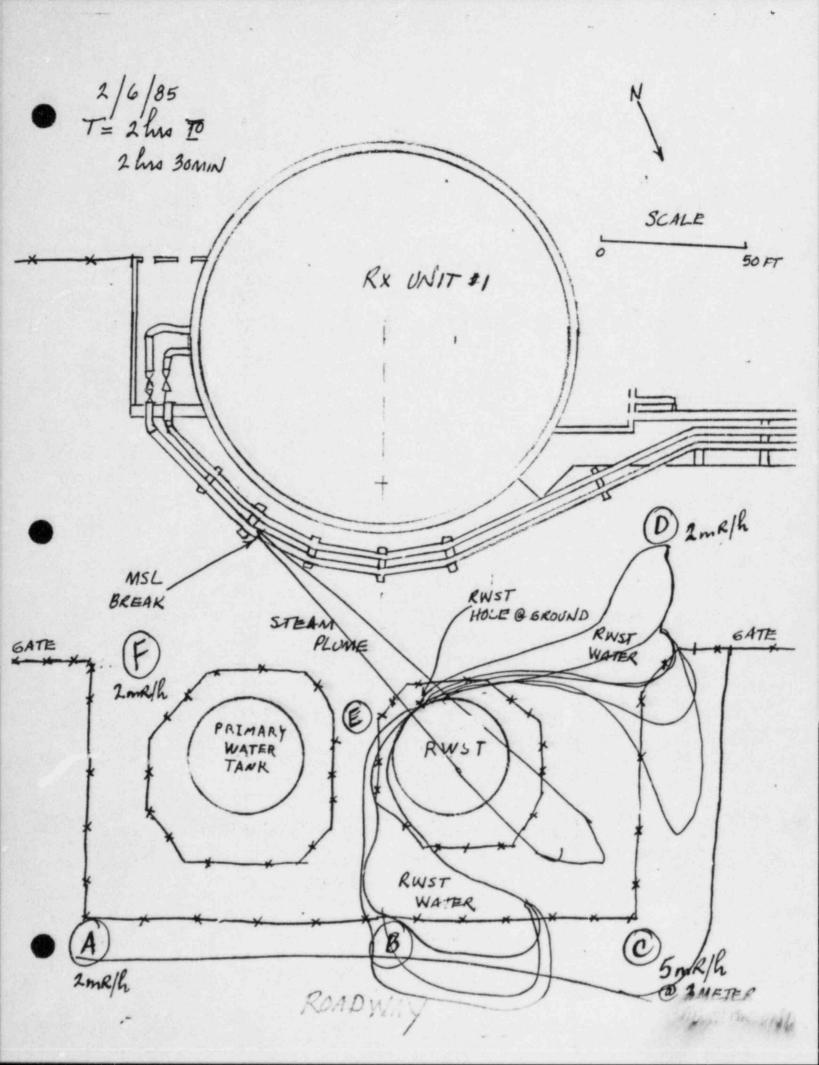
A PHONE

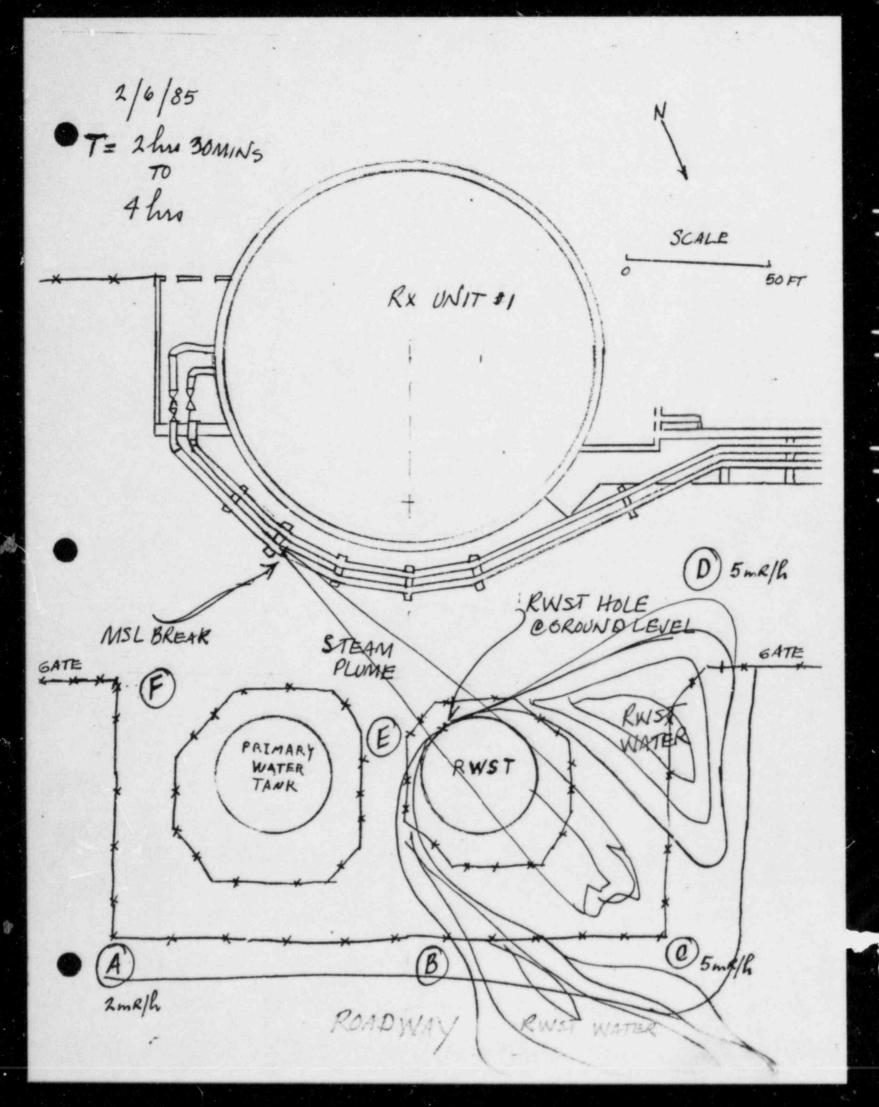
Time

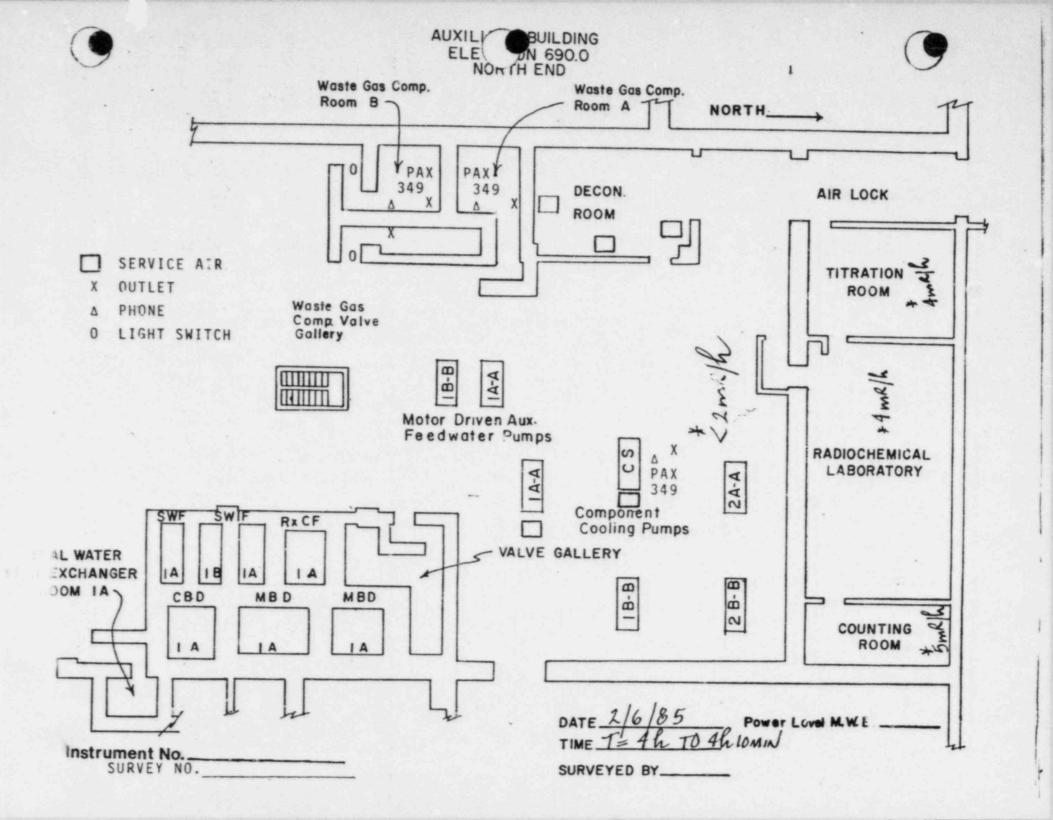
12 154Ws Instrument No.

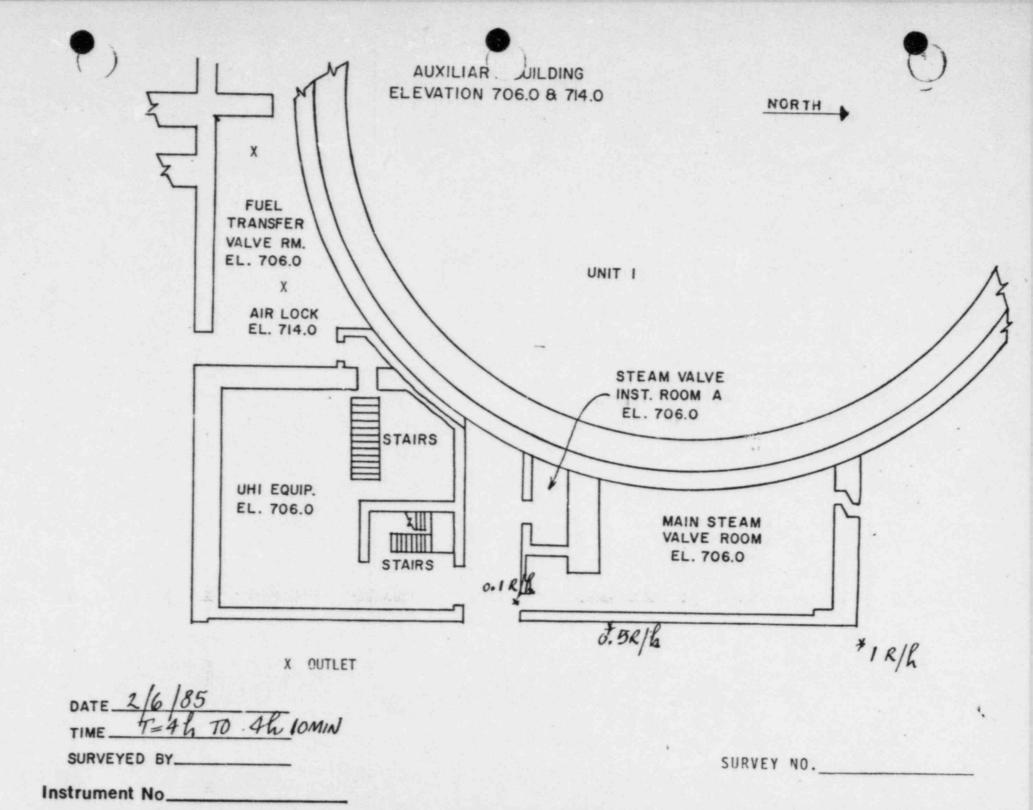
Surveyed By_

SURVEY NO.









TIME: 4 hr. 10 min. SCALE RX UNIT #1 (D) 4R/Ar 4 R/Ar 6ATE E GATE PRIMARY WATER TANK RWST 1R/h 0.5 R/Ar B) 0.75 R/Ar ROADWAY

Time: 4 hours to 4 hours 10 minutes

AIR SAMPLE DATA

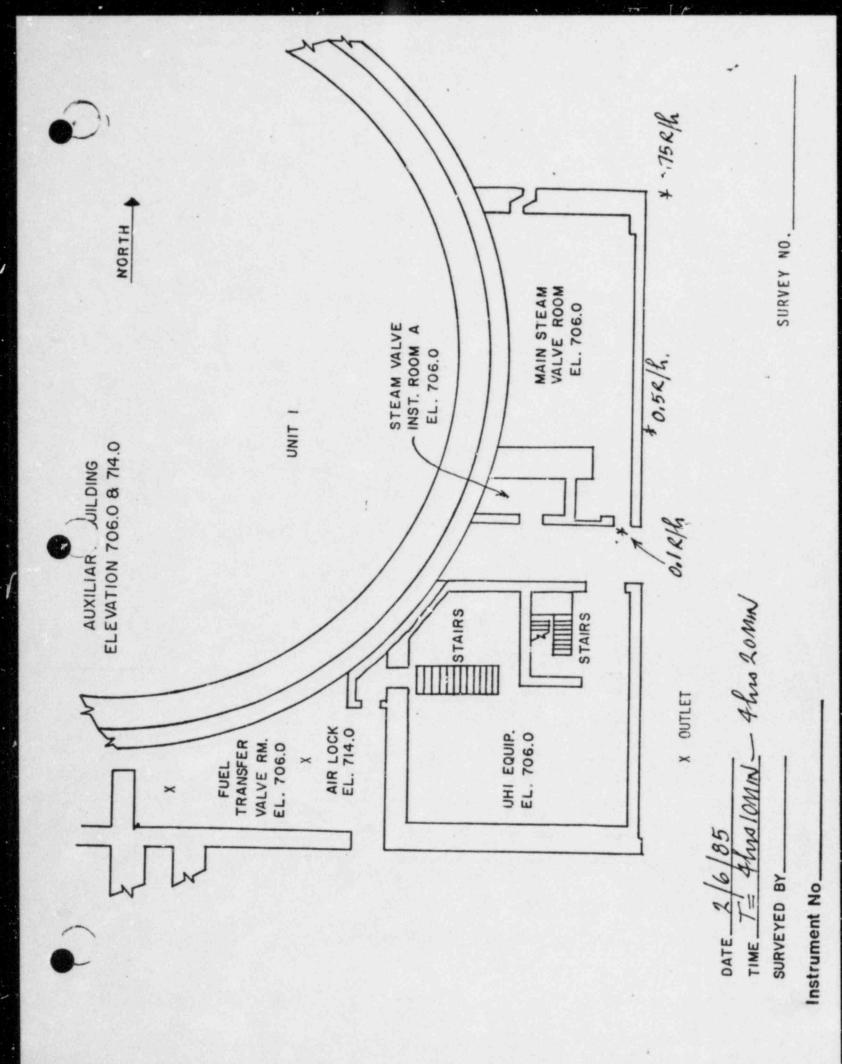
Point	Reading (I-131)
A	5.0 X 10-4 µCi/cc
В	7.0 X 10-4 µCi/cc
C	9.0 x 10-4 µC1/cc
D	3.0 x 10-3 µCi/ee
E	
F	3.0 x 10-3 µCi/ce

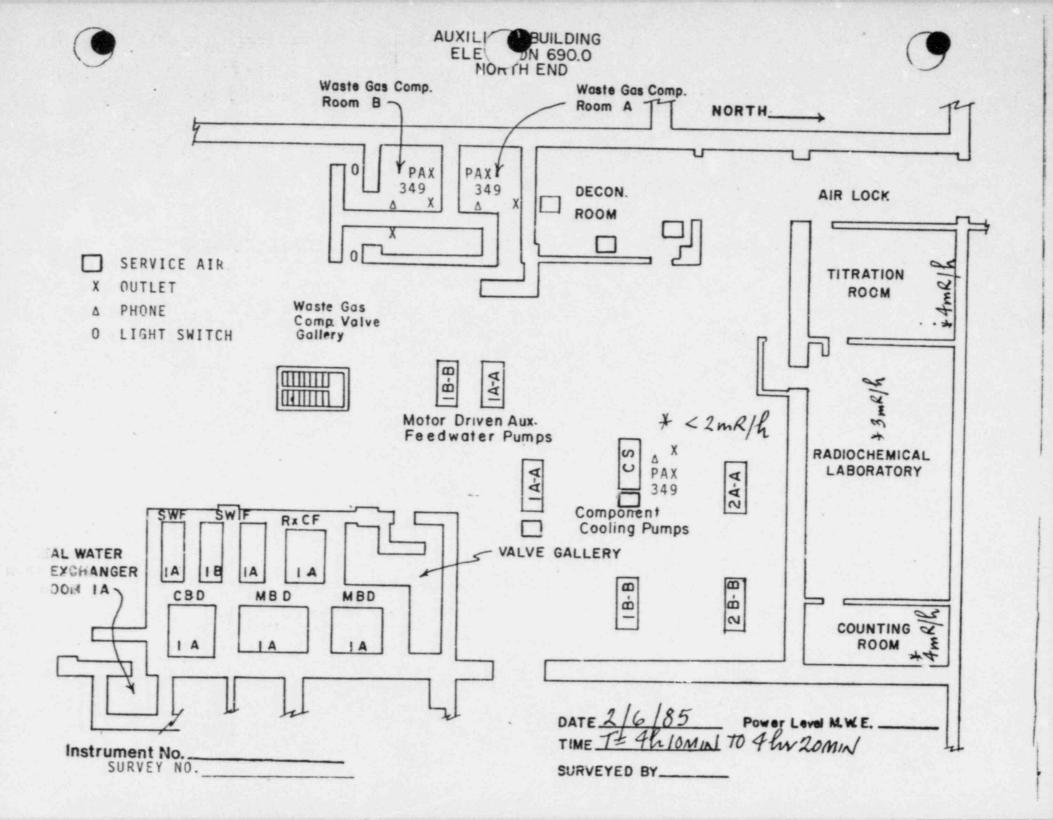
Time: 4 hours to 6 hours

RADIATION DATA

- A. Inside Dooray to SV Building Hallway

 - 1. Gamma 200 mR/hr 2. Airborne Radioiodine 1 X 10-8 Ci/cc
- B. Elevation 690 Health Physics Lab Normal Radiation Levels
- C. Elevation 690 Machine Shop
 - 4 mR/hr 1. Gamma
 - 2. Airborne Radioiodine 0.25 X 10-8 Ci/cc



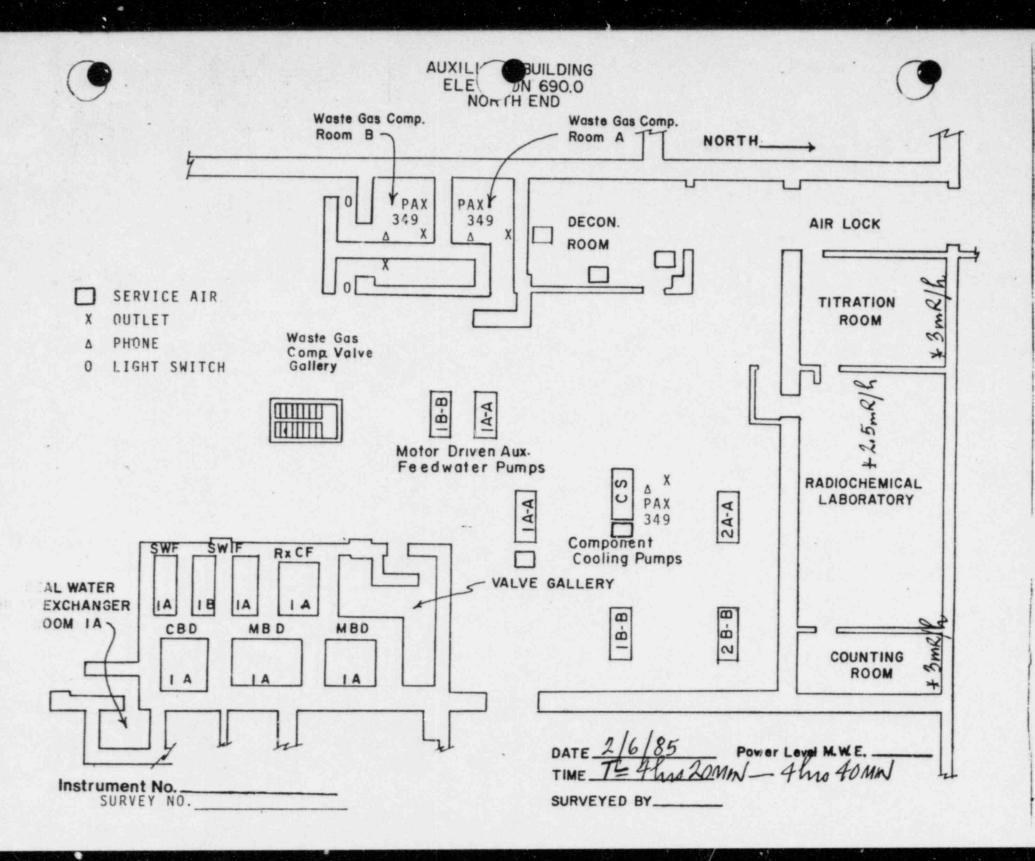


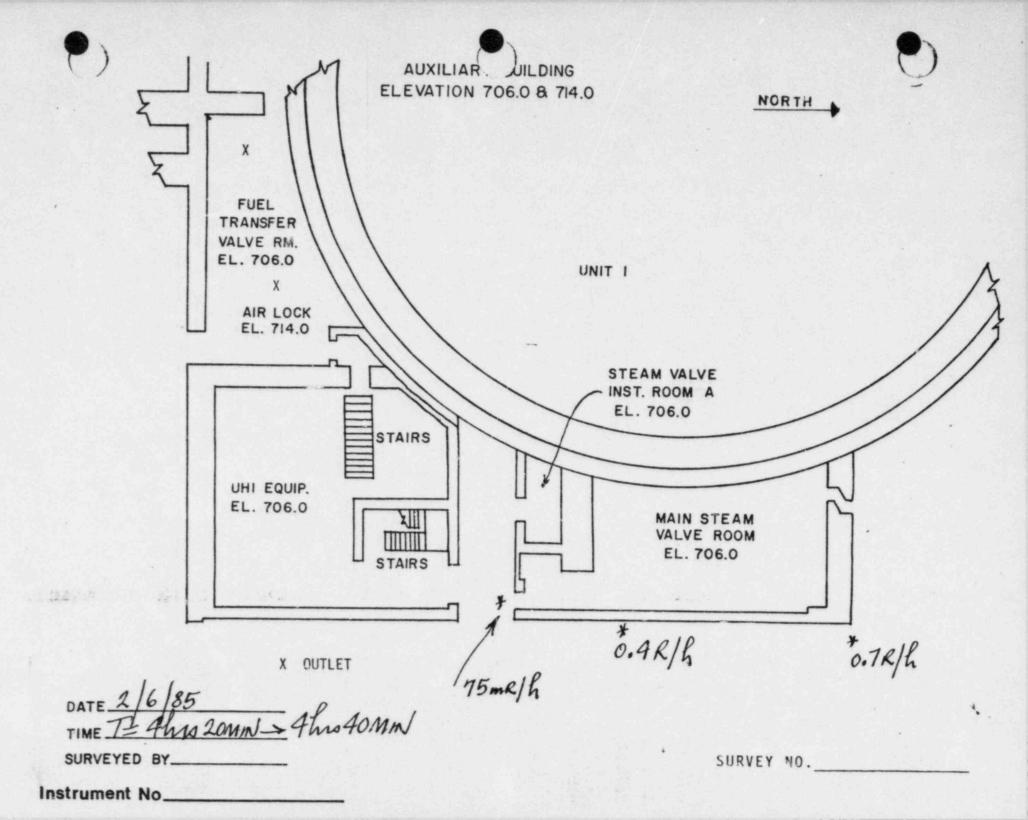
TIME: 4hr. 10 min. to SCALE 50 F. RX UNIT #1 @ 3 R/hr 3R/Ar 6ATE GATE PRIMARY WATER TANK RWST O.7RIAT 80.3 R/hr 0.5 R/Ar ROADWAY

Time: 4 hours 10 minutes to 4 hours 20 minutes

AIR SAMPLE DATA

Point	Reading (I-131)
A	3.5 X 10-4 µCi/cc
В	5.0 X 10-4 µCi/cc
C	6.0 X 10-4 µC1/cc
D	2.0 X 10-3 µCi/cc
E	
F	2.0 X 10-3 µCi/cc



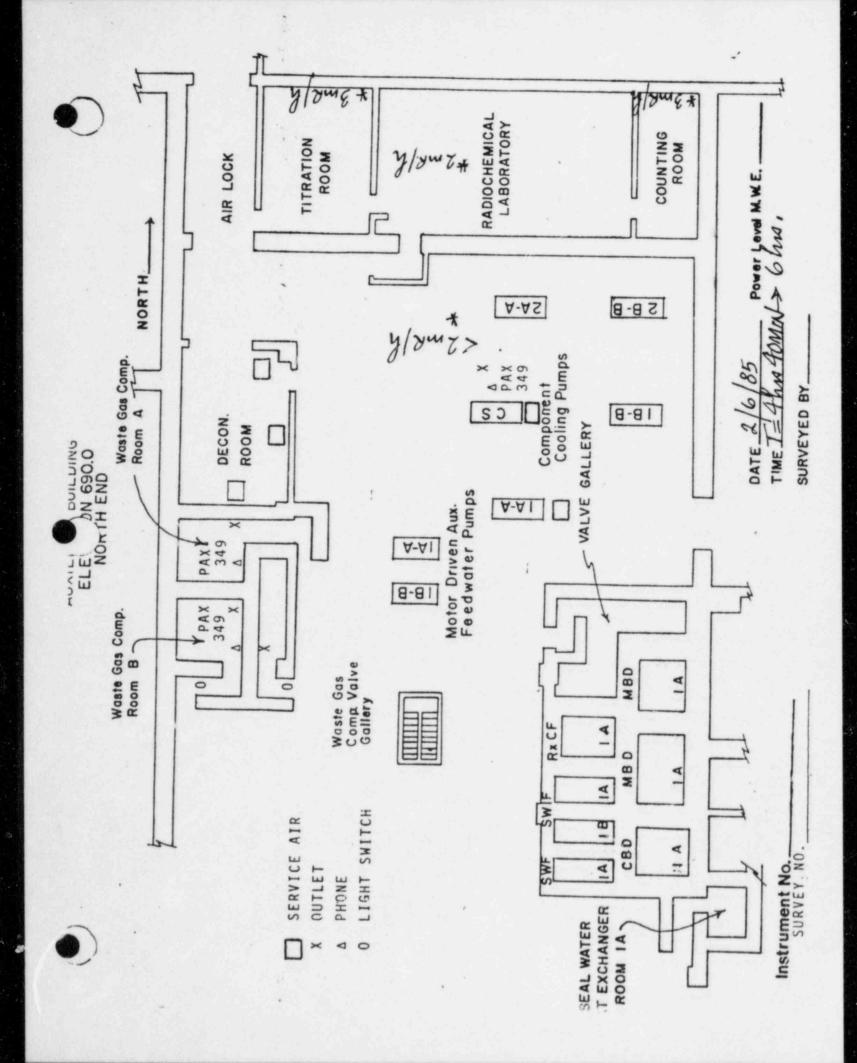


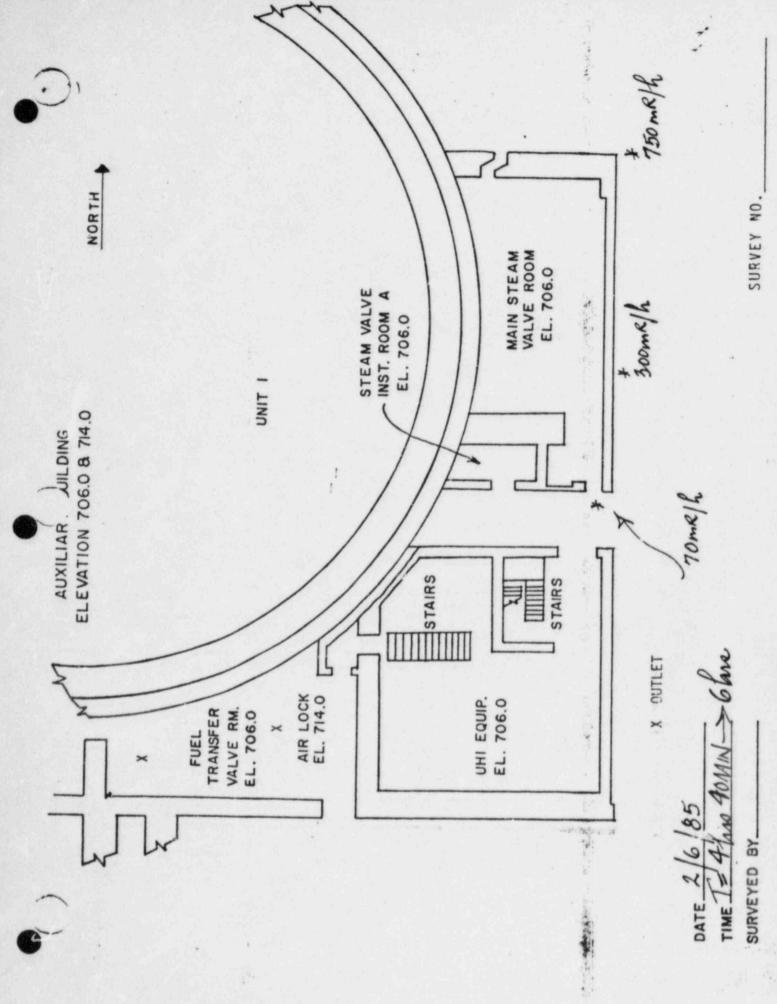
4hr. 20 min TIME: to 4br. 40 min SCALE 50 F. RX UNIT #1 D 2.8 R/Ar 2.8 R/hr E 6ATE GATE PRIMARY WATER TANK RWST 80.3 R/Ar OGRIA BO. SR/hr ROADWAY

Time: 4 hours 20 minutes to 4 hours 40 minutes

AIR SAMPLE DATA

Point	Reading (I-131)
A	3.4 X 10-4 µCi/cc
В	4.7 X 10-4 µCi/cc
С	5.7 X 10-4 µCi/cc
D	1.8 X 10-3 µCi/cc
E	
F	1.9 X 10-3 µCi/cc





Instrument No_

TIME: to 6 hr. SCALE 50 F RX UNIT #1 D R/Ar 2A/hr E 6ATE GATE E PRIMARY WATER TANK RWST 80.2 R/Ar 0.3 R/hr ROADWAY

Time: 4 hours 40 minutes to 6 hours

AIR SAMPLE DATA

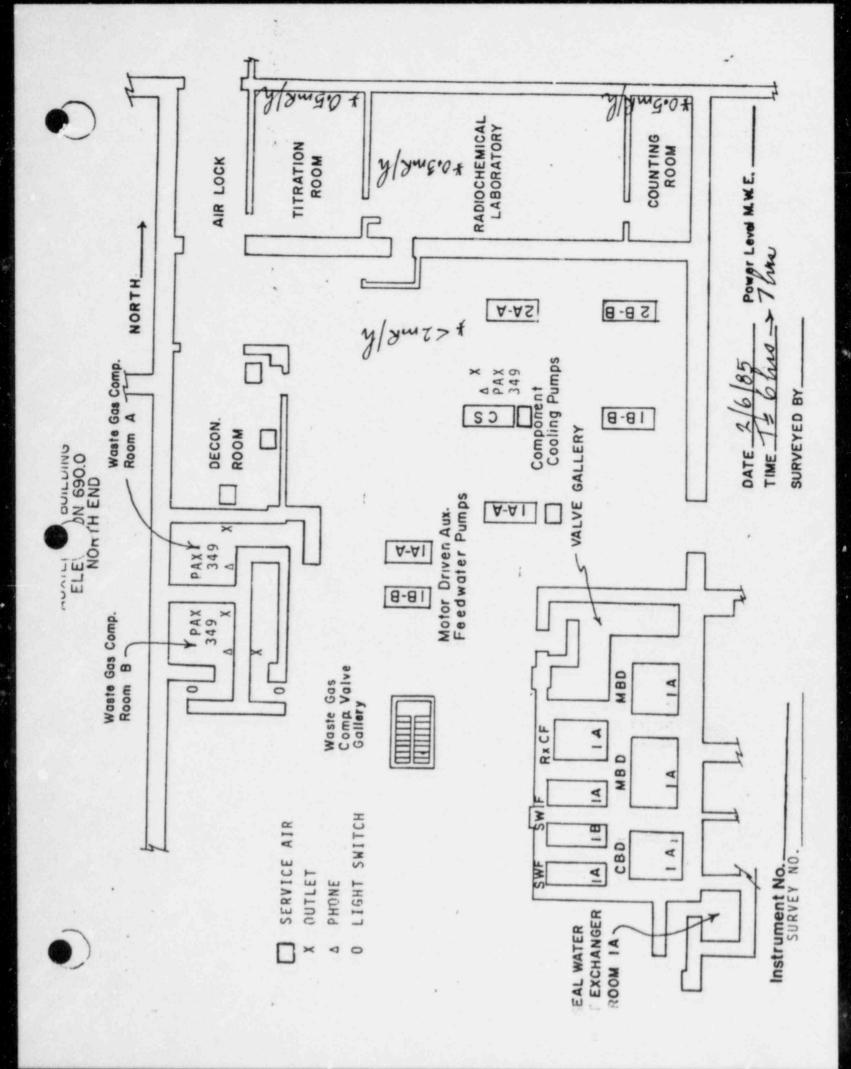
Point	Reading (I-131)
A	2.2 X 10-4 µCi/cc
В	3.2 x 10-4 µC1/cc
C	4.0 x 10-4 µCi/c
D	1.2 X 10-3 µCi/cc
E	
F	1.2 X 10-3 µCi/GC

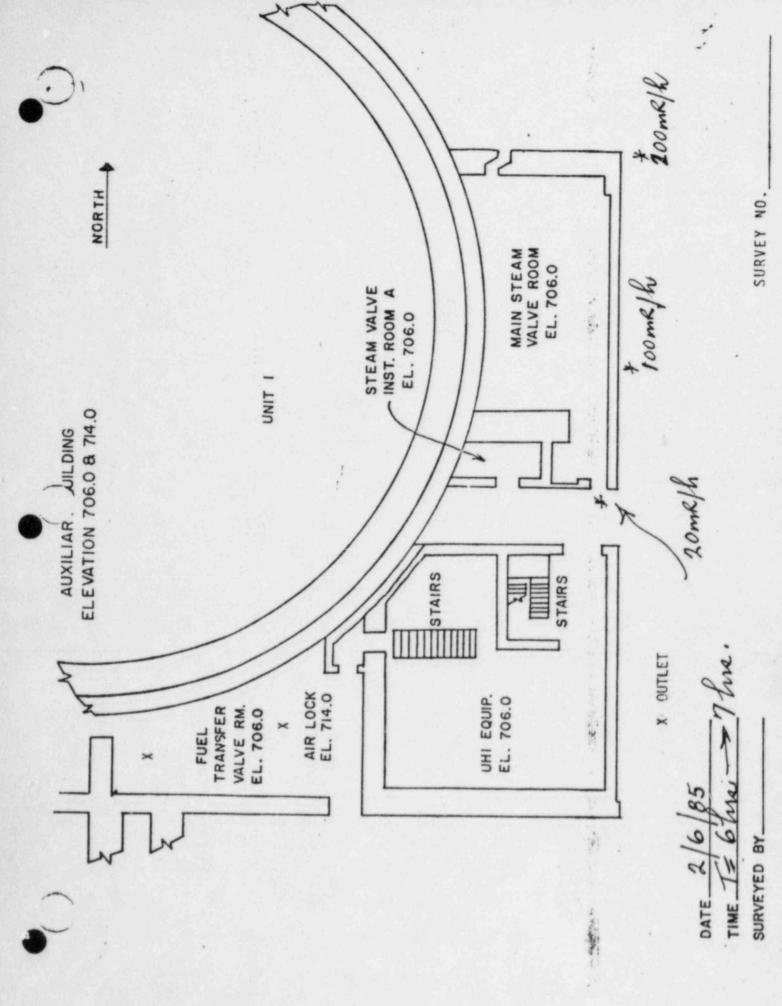
Time: 6 hours to 10 hours

RADIAT C: DATA

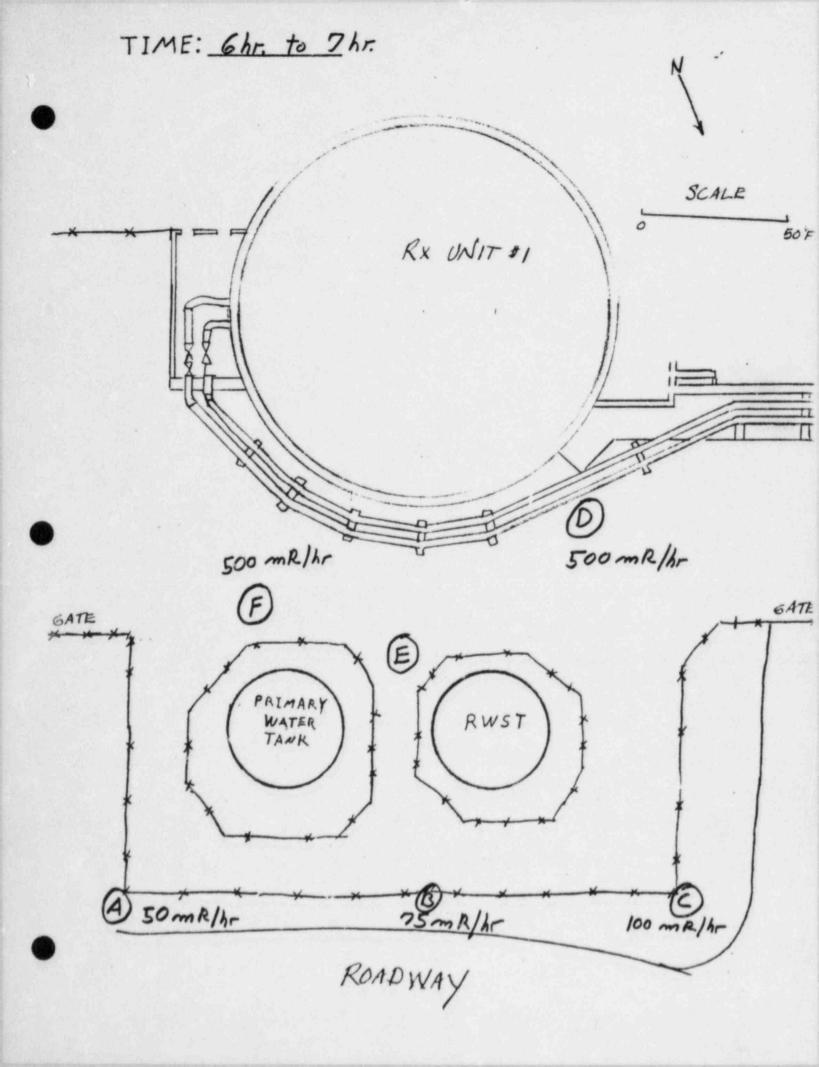
- A. Inside Fooray to SV Building Hallway

 - 1. Gamma 50 mR/hrr 2. Airborne Radioiodine 0.4 X 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 X 10-8 Ci/cc





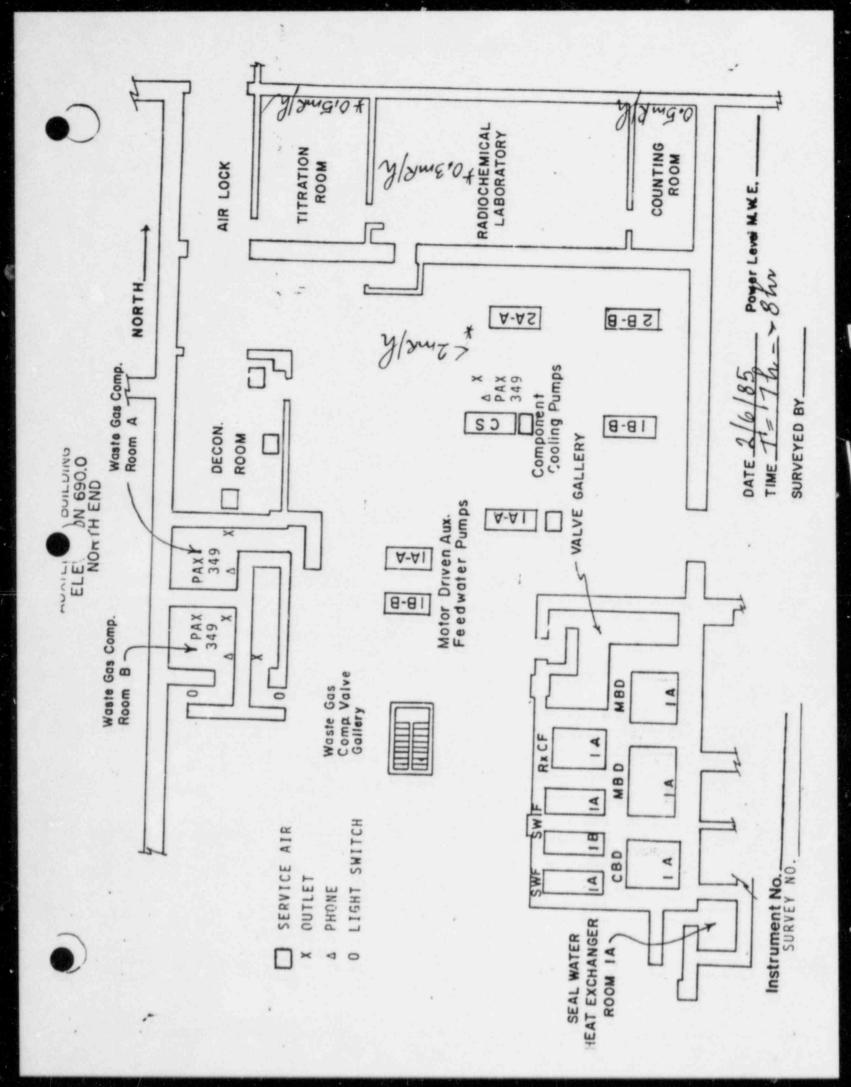
Instrument No_

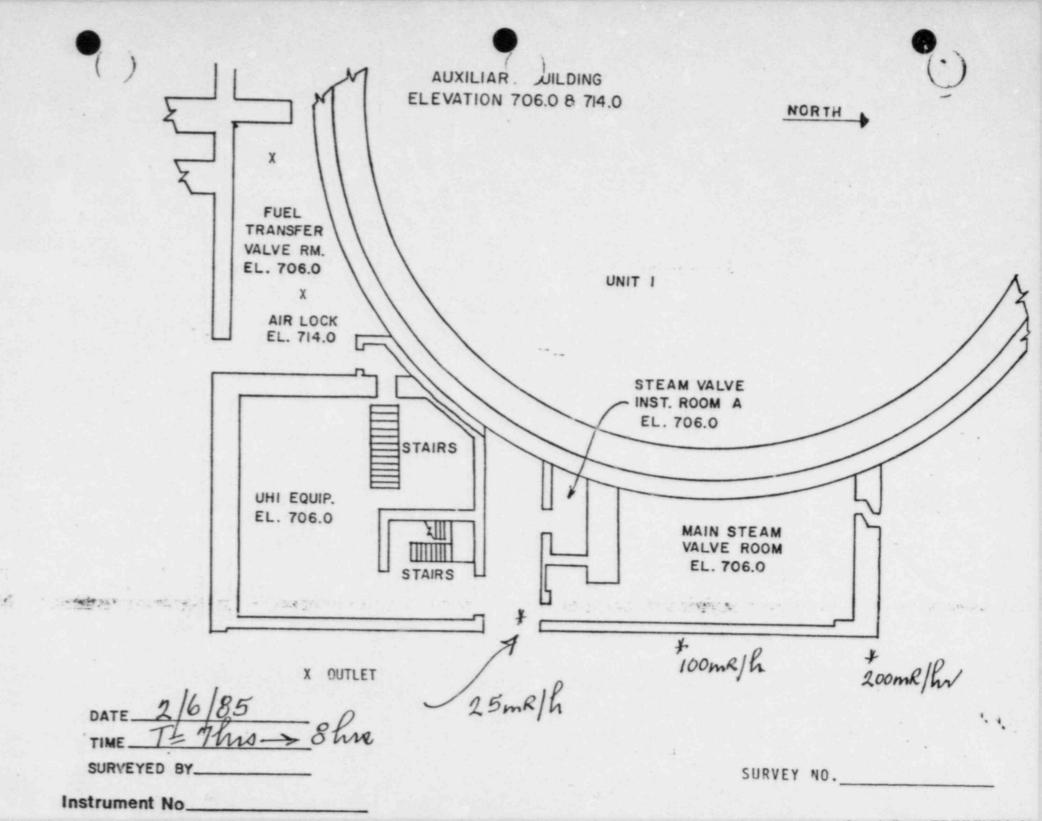


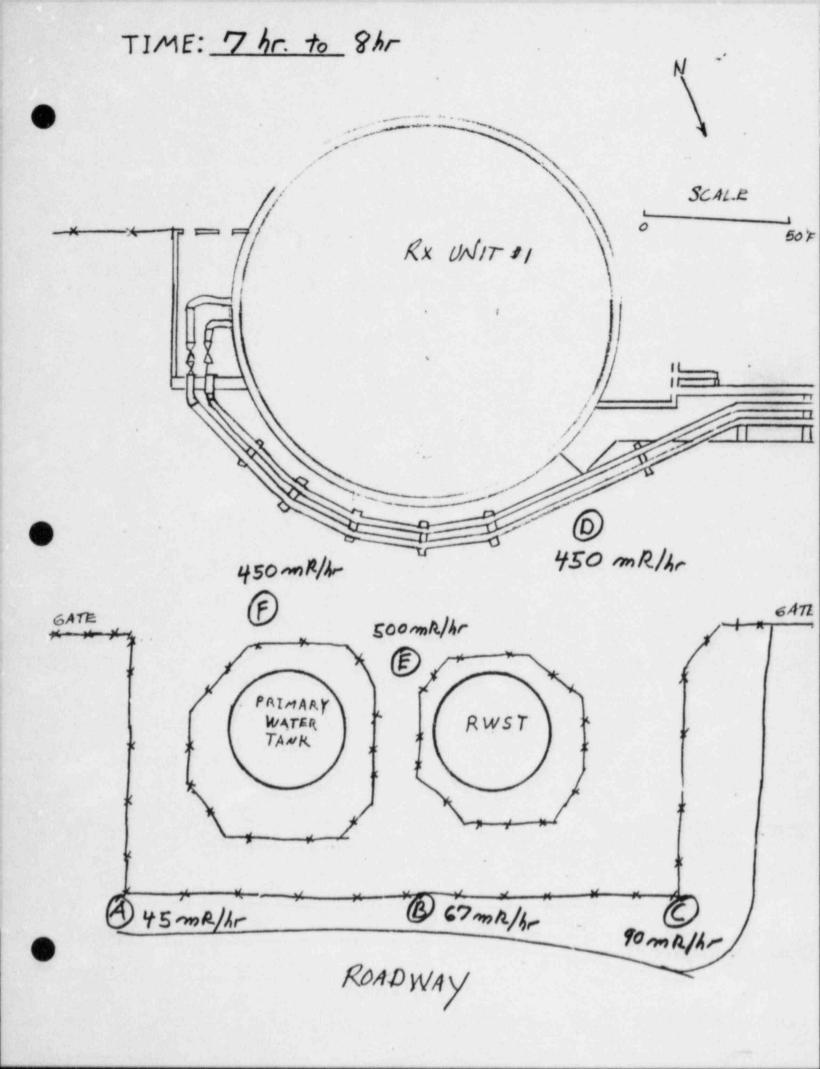
Time: 6 hours to 7 hours

AIR SAMPLE DATA

Point	Reading (I-131)
A B C D	5.5 X 10-5 µCi/cc 8.0 X 10-5 µCi/cc 1.0 X 10-4 µCi/cc 3.0 X 10-4 µCi/cc
F	3.0 x 10-4 µCi/cc





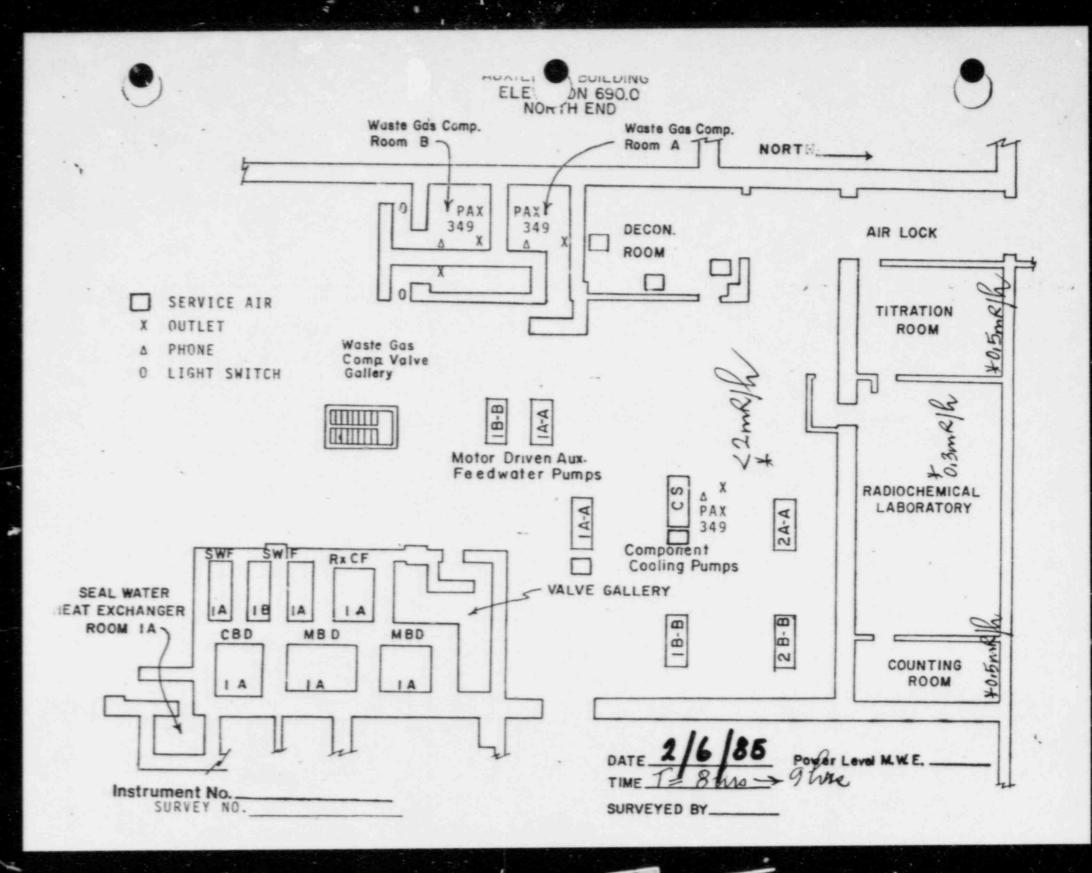


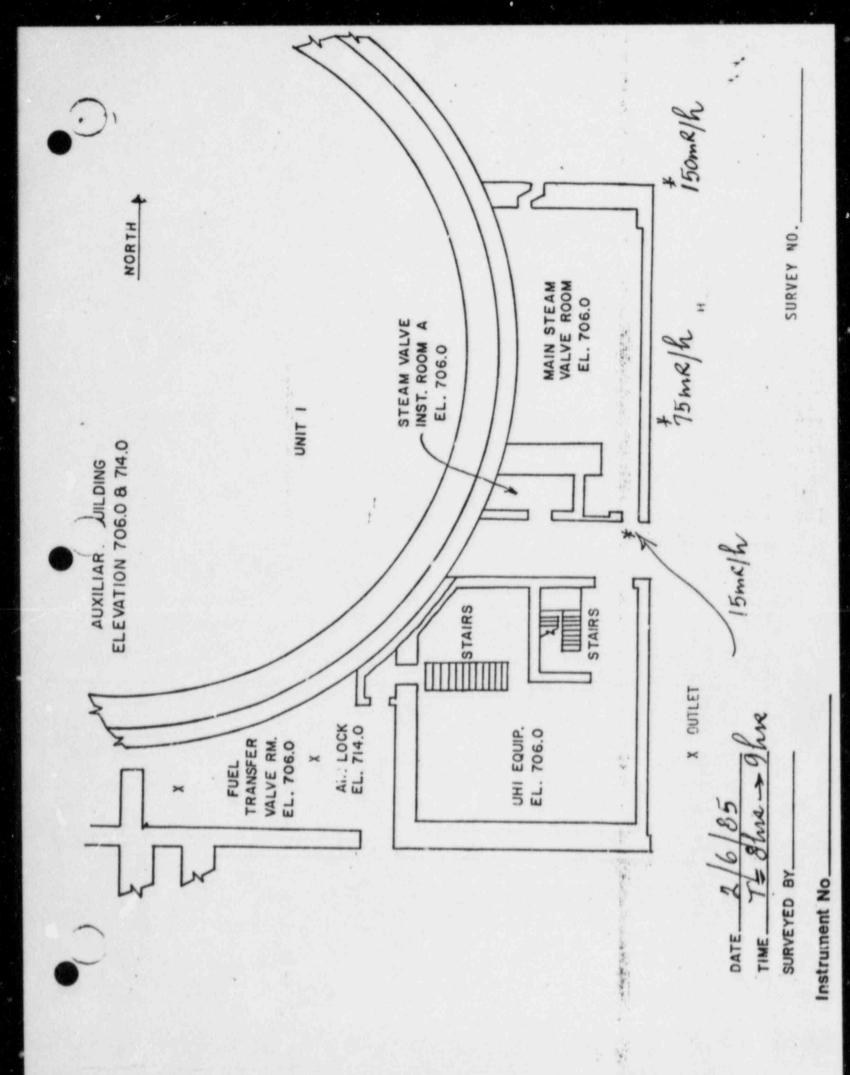
Time: 7 hours to 8 hours

AIR SAMPLE DATA

Point	Reading (I-131)
A	5.0 X 10-5 uCi/oc
В	7 2
C	_ por/or
D	9.0 X 10-5 µCi/co
5	2.8 X 10-4 µCi/co
E	3.0 X 10-4 µC1/co
F	2.8 X 10-4 µCi/co

TEA:DFS 01/14/85 B1014A.DS





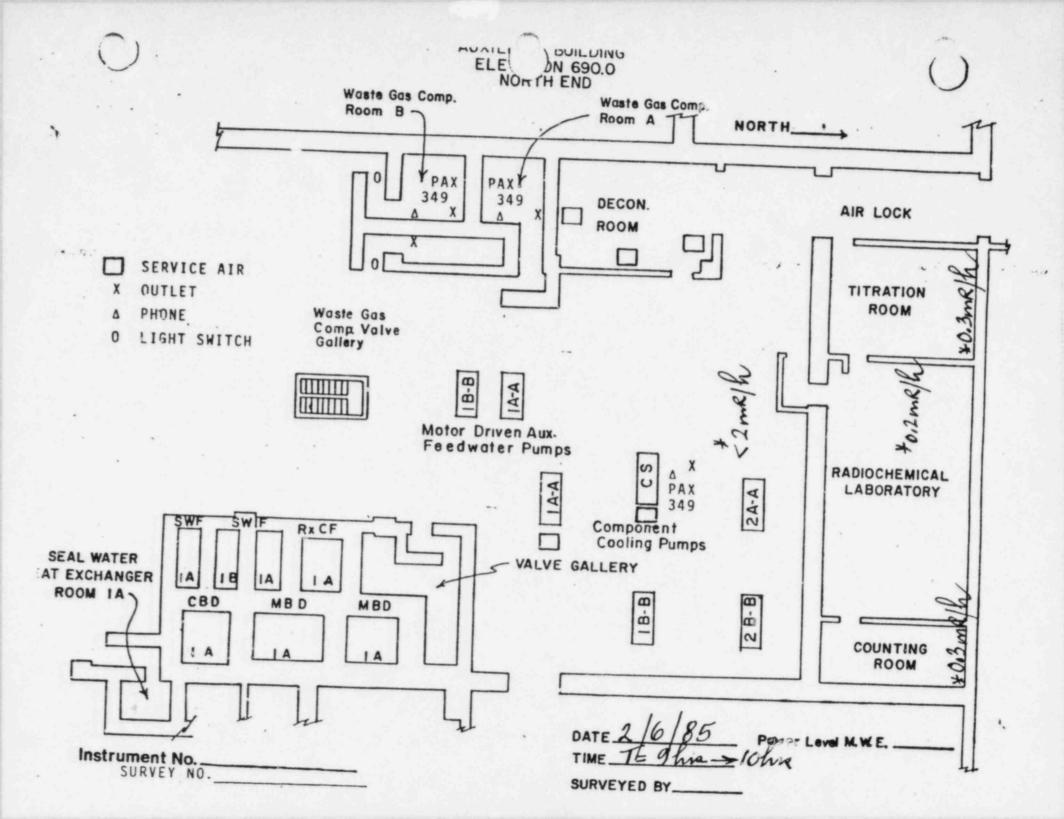
TIME: 8 hr. to 9 hr. SCALE 50 FT RX UNIT #1 D 365 m R/hr 360 mR/hr E 6ATE 405 mR/h-SATE E PRIMARY WATER TANK RWST 72 maja @ 55 m R/Ar B 36 m 1/hr ROADWAY

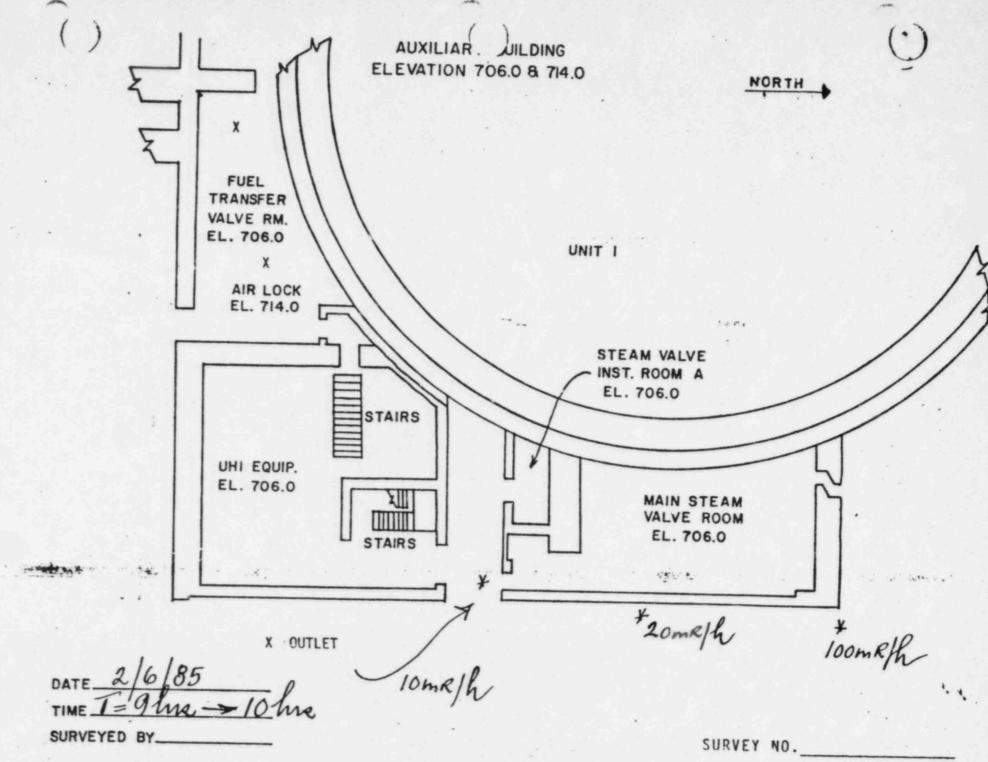
Time: 8 hours to 9 hours

AIR SAMPLE DATA

Point	Reading (I-131)
A	4.05 X 10-5 µC1/cc
В	5.8 X 10-5 µC1/cc
C	7.3 X 10-5 µC1/cc
D	2.3 X 10-4 µC1/cc
E	2.4 X 10-4 µCi/cc
F	2.3 X 10-4 µCi/cc

TEA:DFS 01/14/85 B1014A.DS IMAGE EVALUATION TEST TARGET (MT-3) 2.5 2.2 2.0 1.8 1.25 1.6 150mm





Instrument No

TIME: 9hr. to 10hr. SCALE 50 FT RX UNIT #1 280 mR/hr 277 mp/Ar (F) 6ATE 310 mR/Ar SATE E PRIMARY WATER TANK RWST B 42 malhr A 27 mR/hr 55 mR/Ar

Time: 9 hours to 10 hours

AIR SAMPLE DATA

Point	Reading (I-131)
A	3.1 X 10-5 µCi/cc
В	4.4 x 10-5 µC1/ec
C	5.5 X 10-5 µCi/cc
D	1.7 X 10-4 uCi/cc
E	1.8 X 10-4 µC1/cc
F	1.7 X 10-4 µC1/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 x 10 ⁻¹
Kr 87	6.0 X 10 ⁻²
Kr 88	2.0 x 10 ⁻¹
Xe 131m	2.0 X 10 ⁻¹ 1.1 X 10 ⁻¹ 2.2 X 10 ₁
Xe 133m	2.2 x 10 ⁻¹
Xe 133	1.8 x 101
Xe 135	3.5 X 10 ⁻¹
I 131	2.7 X 10-1
I 132	1.0 x 10 ⁻¹
I 133	1.0 X 10 ⁻¹ 3.8 X 10 ⁻¹
I 135	1.9 X 10 ⁻¹
Rb 88	2.0 x 10 ⁻¹
Cs 134	2.5 X 10 ⁻²
Cs 137	1.8 x 10 ⁻²
Te 129	1.6 x 10 ⁻³
Te 132	1.8 X 10 ⁻² 1.6 X 10 ⁻³ 2.7 X 10 ⁻² 2.2 X 10 ⁻⁴
Ba 140	2.2 x 10 ⁻⁴
La 140	1.5 x 10 ⁻⁴
La 142	0
Pr 144	3.3 x 10 ⁻⁵

REACTOR COOLANT ACTIVITY

Time = 2 hours to 3 hours

Isotope	Activity Microcuries per cubic centimeter
(Kr 85m)	9.14 x 10 ⁻¹
Kr 87	9.14 × 10 ⁻¹
Kr 88	1.87 × 100
Xe 131m	9.14 X 10 ⁻¹ 1.87 X 10 ⁻¹ 1.66 X 10 ⁻¹ 3.98 X 10 ¹
Xe 133m	3 98 V 100
Xe 133	4.15 X 101
Xe 135	2.12 X 100
I 131	1.74 × 101
I 132	1.74 X 10°
I 133	1.66 X 100
I 135	5.93 X 100
1 133	3.74 X 10 ⁰
Rb 88	2.1 X 10 ⁻¹
Cs 134	2.45 X 10 ⁻²
Cs 137	1 95 V 10-2
Te 129	1.65 X 10 ⁻³
Te 132	2.65 x 10 ⁻²
Ba 140	1.65 X 10 ⁻³ 2.65 X 10 ⁻² 2.18 X 10 ⁻⁴
La 140	1.52 X 10 ⁻⁴
La 142	0
Pr 144	3.31 x 10 ⁻⁵

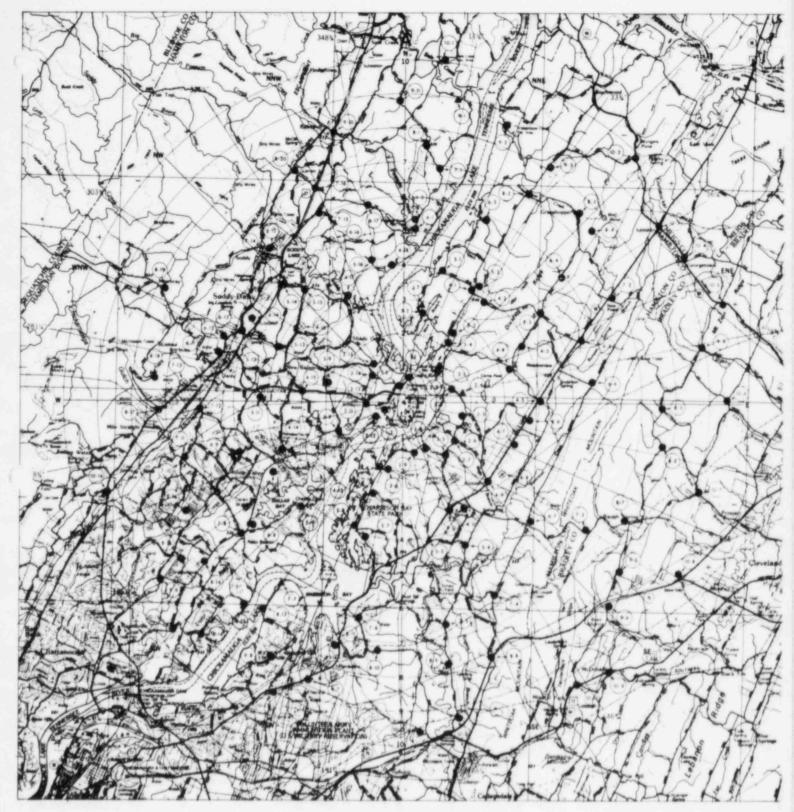
TEA:MJS 1/14/85

REACTOR COOLANT ACTIVITY

Time = 4 hours

Isotope	Microcuries per cubic centimeter
	at 1200 CST2-C
(Kr 85m)	9.12 x 10-1
Kr 87	3.08 x 10-1
Kr 88	1.16 X 10+0
Xe 131m	1.68 X 10-1
Xe 133m	7.63 X 10+0
Xe 133	4.18 X 10+1
Xe 135	2.12 X 10+0
I 131	1.75 X 10+1
I 132	1.69 X 10+0
I 133	1.09 X 10
I 135	
Rb 88	1,44 x 10-1
Cs 134	2.44 x 10-2
Cs 137	1.86 x 10-2
Te 129	1.64 x 10-3
Te 132	2.63 X 10-2
Ba 140	2.17 x 10-4
La 140	1.52 X 10-4
La 142	0
Pr 144	3.28 X 10-5

TEA:DFS 01/14/85 B1014A.DS



SEQUOYAH MONITORING POINTS

Time 0800 - 0815

GM Readings

nonitoring Location	1-Me	ter	-7	4-CM	Ion Chamber	Air Samples
	Open (mk/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (uci/cc)
.5-1 Mile E-Sector	14.7	11.03	3	10.29	14	B

0.02-0.04

Time 0815 - 0830

GM Readings

Monitoring Location	1-Mater				The second secon	
	1 11000		4-CM		Ion Chamber	Air Samulae
	Open (mR/h) Closed (mR/h)	losed (mR/h)	Open (mR/h)	Closed (mR/h)	h) Readinos (mR/h)	T-131 (110: /)
2-Miles ENE+Sector 2-Miles ENE+Sector E-Sector cation 2-3	14.7 B 3.4 0.41 3.41	11.03 B 2.6 0.31 2.56	13.23 B 3.1 0.37 3.07	10.29 B 2.4 0.29 2.39	14 B 3 B 3	B B B B B

0.02-0.04

Time ____0830 - 0845

itoring Location	1-Met	ter	4-1	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	
iles ENE+Sector	В	В	R	D D	14 B	В
E-Sector	3.4	2.6	3.1	2.4	В	В
E-Sector	0.25	0.19	0.23		3	В
ion 2-3	0.4	0.3	0.23	0.18	В	В
2-4	3.4	2.6		0.2	В	В
les ENE+Sector	В	R	3.1	2.4	3	В
E-Sector	1.7	1.3	1.5	В	В	В
E+Sector	R	R	1.3	1.2	2	В
les ENE+Sector	R	D D	D	B	В	В
E-Sector	1.1	0.82	В	В	В	В
E+Sector	P	U.02	0.98	0.76	1	В
on 4-4	B	D D	В	В	В	В
4-5	0.50	D (2	В	В	В	В
	0.58	0.43	0.52	0.41	В	В

Time _____0845 - 0900

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

her monitoring						
ons-Background	0.02-0.04	0.02.0.0/				2x10-11
	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	5x10 ⁻¹¹

Time ____0900 - 0915

itoring Location	1-Meter		4-CM		Ion Chamber	Air C Y	
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	Air Samples I-131 (μci/cc)	
iles E-Sector E+Sector iles E-Sector e+Sector in 4-5 les E-Sector E+Sector iles E-Sector iles E-Sector E+Sector E+Sector in 6-6 les E-Sector E+Sector	1.32 0.94 0.71 0.58 0.93 0.49 0.41 0.36 0.27 B	0.99 0.70 0.53 0.43 0.69 0.37 0.31 0.27 0.20 B 0.20 0.17	1.19 0.84 0.63 0.52 0.83 0.44 0.37 0.32 0.24 B	0.93 0.66 0.49 0.41 0.65 0.34 0.29 0.25 0.19 B	1 B B B B B B B	B B B B B B B B B	

Time 0915 - 0930

toring Location	1-Me	ter	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	В	
E+Sector	1.09	0.82	0.98	0.76	D	В
les E-Sector	0.69	0.52	0.62	0.49	1	В
E+Sector	0.79	0.59	0.71	0.56	В	В
on 4-5	0.49	0.37	0.44		В	В
les E-Sector	0.27	0.20	0.24	0.34	В	В
E+Sector	0.30	0.22	0.27	0.19	В	В
les E-Sector	0.20	0.15	0.18	0.21	В	В
E+Sector	0.22	0.17	0.20	0.14	В	В
on 8-5	0.40	0.30	0.40	0.16	В	В
les E-Sector	0.16	0.13		0.30	В	В
E+Sector	0.19	0.14	0.15	0.11	В	В
les E-Sector	0.13	0.08	0.17	0.13	В	В
E+Sector			0.11	0.09	В	В
	0.15	0.11	0.14	0.11	В	В

Time ____0930 - 0945

Monitoring Location	1-Meter		4-CM		Ion Chamber	Air Complex
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	Air Samples I-131 (µci/cc)
-6 Miles E+Sector -7 Miles E-Sector E+Sector -8 Miles E-Sector E+Sector ocation 8.5 -9 Miles E-Sector E+Sector -10 Miles E-Sector E+Sector ocation 10-6	0.60 0.23 0.25 0.19 0.21 0.39 0.14 0.19 0.13 0.15	0.47 0.17 0.20 0.14 0.16 0.29 0.11 0.14 0.10 0.11	0.56 0.21 0.23 0.17 0.19 0.35 0.13 0.17 0.12 0.14	0.35 0.17 0.18 0.14 0.15 0.27 0.11 0.13 0.09 0.11 0.21	B B B B B B B	B B B B B B B B

Time 0945 - 1000

Monitoring Location	1-Me	ter	4-1	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 -8 Miles E-Sector E+Sector -9 Miles E-Sector E+Sector	0.25 0.19 0.21 0.14 0.19 0.39 0.13 0.15 0.29	0.20 0.14 0.16 0.11 0.14 0.29 0.10 0.11 0.22	0.23 0.17 0.19 0.13 0.17 0.35 0.12 0.14 0.26	0.18 0.14 0.15 0.11 0.13 0.27 0.09 0.11 0.21	B B B B B B	B B B B B

Time ____1000 - 1015

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)	
Miles E+Sector	0.39	0.29	0.35	0.27	В	В
0 Miles E+Sector E-Sector	0.33	0.25	0.30	0.23	В	В
ation 10-6	0.15	0.11	0.14	0.11	В	В
401011 10-0	0.13	0.10	0.12	0.09	В	В

Time 1030 - 1215

GM Readings

Open (mR/h) Closed (mR/h) Readings (mR/h) I-131 (µci/cc) 1-Meter D/h) Closed (mR/h) Open (mR/h) onitoring Location

ground at all locations

er monitoring ns-Background

0.02-0.04 0.02-0.04

0.02-0.04

04 0.02-0.04

,00

2x10-11

Time 1215 - 1230

GM Readings

oring Location	1-Met	7.0.0	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 x 10 ⁻⁵

r monitoring ss-Background 0.02-0.04 0.02-0.04 0.02-0.04 0.02-0.04 0 5x10⁻¹¹

Time 1230 - 1245

GM Readings

toring Location	1-Hel	ter	MJ-7	T.	Ion Chambox	Air Court
	A COLUMN TO THE PARTY OF THE PA	1		****	Toll Citambel	ALL SAMPLES
	Oben (mk/n)	Closed (mR/h)	Open (mR/h)	(Closed (mR/h)	Readings (mR/h)	I-131 (uci/cc)
						7
Mile E-Sector	10.82	8.12	9.74	7.58	11	8.04 x 10 ⁻⁵

0.02-0.04

0.02-0.04

Time ____1245 - 1300

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 2 Miles ENE-Sector ENE+Sector E-Sector ration 2-3 ration 2-4	10.82 1.48 4.38 2.63 1.48 2.51	8.12 1.11 3.28 1.97 1.11 1.88	9.74 1.33 3.94 2.37 1.33 2.26	7.58 1.04 3.06 1.84 1.04 1.76	11 2 4 3 1	8.04 x 10 ⁻⁵ 1.10 x 10 ⁻⁵ 3.25 x 10 ⁻⁵ 1.96 x 10 ⁻⁵ 1.10 x 10 ⁻⁵ 1.87 x 10 ⁻⁵

Time 1300 - 1315

Monitoring Location	1-Me	ter	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 x 10 ⁻⁵
-2 Miles ENE-Sector	1.50	1.12	1.35	1.06	2	1.1 x 10 ⁻⁵
ENE+Sector	4.40	3.28	3.95	3.10	4	3.25 x 10 ⁻⁵
E-Sector	2.60	1.98	2.35	1.82	3	1.96 x 10 ⁻⁵
ocation 2-3	1.48	1.11	1.33	1.04	2	1.10 x 10 ⁻⁵
2-4	2.51	1.88	2.26	1.76	2	1.87 x 10 ⁻⁵
-3 Miles ENE+Sector	0.69	0.52	0.62	0.48	В	5.12 x 10 ⁻⁶
E-Sector	0.52	0.39	0.47	0.36	В	3.86 x 10 ⁻⁶

Time _____1315 - 1330

lonitoring Location	1-Me	ter	4-1	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 E+Sector	1.10	0.82	0.99	0.77	,	9 2/ - 10-6
ESE-Sector	2.60	1.95	2.34	1.82	2	8.24 x 10 ⁻⁶
Miles E-Sector	1.48	1.11	1.33	1.04	3	1.95 x 10 5
E+Sector	2.51	1.88	2.26		1	1.10 x 10 5
ESE-Sector	1.51			1.76	3	1.87 x 10 5
ation 2-4	P. 31	1.15	1.37	1.10	2	1.21 x 10 5
Miles E-Sector	0.52	В	В	В	В	1.67 x 10 ⁻⁷
	0.52	0.39	0.47	0.36	В	3.86 x 10 6
E+Sector	0.98	0.73	0.88	0.68	В	7.26 x 10 ⁻⁶
Miles E-Sector	0.23	0.12	0.18	0.10	В	4.76 x 10 ⁻⁷
E+Sector	0.80	0.60	0.72	0.56	B	5.97 x 10 ⁻⁶
ation 4-5	0.58	0.44	0.53	0.41	В	4.34 x 10 ⁻⁶

Time 1330 - 1345

Monitoring Location	1-Me	ter	4-1	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		9 24 - 10-6
ESE-Sector	2.60	1.95	2.34	1.82	2	8.24 x 10 ⁻⁶
Miles E+Sector	0.17	0.13	0.15		3	1.95 x 10 5
ESE-Sector	0.53	0.40		0.12	В	1.25 x 10 ⁻⁶
ESE+Sector	0.40		0.48	0.37	В	3.99 x 10 ⁶
Miles E+Sector		0.30	0.36	0.28	В	2.99 x 10 ⁶
ESE-Sector	0.11	0.09	J.10	0.08	В	8.53 x 10 ⁻⁷
	1.25	0.94	1.13	0.88	1	9.31 x 10 ⁻⁶
ESE+Sector	0.69	0.52	0.62	0.48	B	5.12 x 10 ⁻⁶
Miles E+Sector	0.43	0.32	0.38	0.30	B	3.17 x 10 ⁻⁶
ESE-Sector	0.80	0.60	0.72	0.56	R	5.97 x 10 ⁻⁶
Miles E-Sector	0.04	0.03	0.04	0.03	D D	
E+Sector	0.58	0.44	0.53	0.41	D D	3.19 x 10 7
ESE-Sector	0.30	0.23			В	4.34 x 10 6
ation 4-5	В		0.27	0.21	В	2.26 x 10 6
	D	В	В	В	В	2.32 x 10 ⁻¹⁰

Time ____1345 - 1400

Monitoring Location	1-Me	ter	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	0.07				The state of the s
SE-Sector	0.17	0.04	0.05	0.04	В	4.28 x 10 ⁻⁷
SE+Sector		0.12	0.15	0.12	В	1.24 x 10 ⁻⁶
SSE-Sector	0.39	0.30	0.35	0.28	В	2.93 x 10 ⁻⁶
2 Miles ESE+Sector	0.32	0.24	0.29	0.22	В	2.37 x 10 ⁻⁶
SE-Sector	B	В	В	В	В	2.98 x 10 ⁻⁷
SE+Sector	0.17	0.13	0.15	0.12	В	1.25 x 10 ⁻⁶
SSE-Sector	0.53	0.40	0.48	0.37	В	3.99 x 10 ⁻⁶
3 Miles ESE+Sector	0.40	0.30	0.36	0.28	В	2.99 x 10 ⁻⁶
	0.07	0.05	0.06	0.05	В	5.16 x 10 ⁻⁷
SE-Sector	0.25	0.19	0.22	0.17	В	1.87 x 10 ⁻⁶
SE+Sector	0.18	0.14	0.16	0.13	В	1.36 x 10 ⁻⁶
cation 2-7	0.35	0.26	0.31	0.24	B	2.60 x 10 ⁻⁶
cation 3-5	0.25	0.19	0.23	0.18	R	1.91 x 10 ⁻⁶
4 Miles ESE-Sector	0.06	0.05	0.06	0.04	B	4.76 x 10 ⁻⁷
ESE+Sector	0.43	0.32	0.38	0.30	R	3.17 x 10 ⁻⁶
SE-Sector	0.80	0.60	0.72	0.56	B B	
5 Miles E+Secotr	0.04	0.03	0.04	0.03	D	5.97 x 10 ⁻⁶
ESE-Secotr	0.30	0.23	0.27	0.21	D D	3.19 x 10 ⁻⁷
ESE+Sector	0.58	0.44	0.53	0.41	D D	2.26 x 10 ⁻⁶
SE-Sector	0.30	0.23	0.27		В	4.34 x 10 ⁻⁶
Miles ESE-Sector	0.51	0.38	0.46	0.21	В	2.26 x 10 ⁻⁶
ESE+Sector	0.26	0.20	0.24	0.36	В	3.80 x 10 ⁻⁶
Miles ESE+Sector	0.16	0.12		0.18	В	1.94 x 10 ⁻⁶
	****	0.12	0.15	0.11	В	1.22 x 10 €

11 other monitoring				×		
						2x10 ⁻¹¹
cations-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	
			0.02 0.04	0.02-0.04	0	5×10 ⁻¹¹

Time 1400 - 1415

toring Location	1-Me	ter	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	В		
SSW-Sector	0.32	0.24	0.29	0.22	D D	2.93 x 10 ⁻⁶	
les SSE+Sector	0.17	0.13	0.15	0.12	D D	2.37 x 10 ⁻⁶	
S-Sector	0.53	0.40	0.48	0.37	D D	1.25 x 10 ⁻⁶	
S+Sector	0.40	0.30	0.36	0.28	D D	3.99 x 10 ⁻⁶	
les SE+Sector	В	В	B	B	В	2.99 x 10 ⁻⁶	
SSE-Sector	0.07	0.05	0.06		В	1.05 x 10 ⁻⁷	
SSE+Sector	0.25	0.19	0.22	0.05	В	5.16 x 10 ⁻⁷	
S-Sector	0.18	0.14		0.17	В	1.87 x 10 ⁻⁶	
les SE+Sector	В.	B	0.16	0.13	В	1.36 x 10 ⁻⁶	
SSE-Sector	0.11	0.08	В	В	В	2.85 x 10 ⁻⁷	
SSE+Sector	0.15		0.10	0.08	В	8.10 x 10 ⁻⁷	
on 4-10	0.11	0.11	0.14	0.11	В	1.15 x 10 ⁻⁶	
4-11		0.08	0.10	0.08	В	8.10 x 10 ⁻⁷	
les SE-Sector	0.15	0.11	0.14	0.11	В	1.15 x 10 ⁻⁶	
SE+Sector	В	В	В	В	В	1.87 x 10 ⁻⁷	
SSE-Sector	0.07	0.06	0.07	0.05	В	5.73 x 10 ⁻⁷	
	0.11	0.08	0.10	0.07	В	8.04 x 10 ⁻⁷	
SSE+Sector	0.07	0.06	0.07	0.05	В	5.58 x 10 ⁻⁷	
on 5-4	0.11	0.08	0.10	0.07	В	8.04 x 10 ⁻⁷	
les SE-Sector	0.05	0.04	0.04	0.03	R	3.64 x 10 ⁻⁷	
SE+Sector	0.08	0.06	0.07	0.06	B	6.92 x 10 ⁻⁷	
SSE-Sector	0.06	0.05	0.06	0.04	R	4.72 x 10 ⁻⁷	
on 6-7	В	В	В	В	В	1.13 x 10 ⁻⁷	

er monitoring						
	0.00.004					2x10 ⁻¹¹
ns-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	5x10 ⁻¹¹

Time ____1400 - 1415

nitoring Location	1-Me	ter	4-1	CM	Ion Chamber	4: 0 1
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	Air Samples I-131 (µci/cc)
Miles ESE+Sector SE-Sector SE+ SSE-Sector tion 7-3 7-4 Miles ESE+Sector SE-Sector SE-Sector SE+Sector tion 8-7 9-5 Miles SE-Sector	B 0.20 0.41 B B B 0.16 0.34 0.16 B B	B 0.15 0.31 B B 0.12 0.25 0.12 B B	B 0.18 0.37 B B B 0.15 0.30 0.15 B B	B 0.14 0.29 B B 0.11 0.24 0.11 B B	B B B B B B B B B B B B B B B B B B B	1-131 (μci/cc) 1.74 x 10 ⁻⁷ 1.49 x 10 ⁻⁶ 3.04 x 10 ⁻⁶ 1.74 x 10 ⁻⁷ 1.42 x 10 ⁻⁷ 1.42 x 10 ⁻⁷ 2.50 x 10 ⁻⁶ 1.22 x 10 ⁻⁶ 1.13 x 10 ⁻⁷ 7.45 x 10 ⁻⁸ 1.13 x 10 ⁻⁷

her monitoring						
cons-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.00.00/		2x10 ⁻¹¹
		0.02 0.04	0.02-0.04	0.02-0.04	0	5x10 ⁻¹¹

Time ____1415 - 1430

ing Location	1-Me	ter	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	В	
S+Sector	0.39	0.30	0.35	0.28	D	1.24 x 10 ⁻⁶
SSW-Sector	0.32	0.24	0.29	0.22	D D	2.93 x 10 ⁻⁶
S-Sector	0.08	0.06	0.07	0.06	В	2.37 x 10 ⁻⁶
S+Sector ·	0.06	0.05	0.05		В	6.02 x 10 ⁻⁷
S-Sector	В	В		0.04	В	4.50 x 10 ⁻⁷
S+Sector	В	B	В	В	В	2.82 x 10 ⁻⁷
SSE+Sector	B	D	D	В	В	2.05 x 10 ⁻⁷
S-Sector	0.15	0.11	В	В	В	2.85 x 10 ⁻⁷
S+Sector	0.13	0.11	0.14	0.11	В	1.15 x 10 ⁻⁶
1-11	В В	0.08	0.10	0.08	В	8.10 x 10 ⁻⁷
SSE-Sector	B	В	В	В	В	2.85 x 10 ⁻⁷
SSE+Sector		В	В	В	В	1.87 x 10 ⁻⁷
S-Sector	0.07	0.06	0.07	0.05	В	5.58 x 10 ⁻⁷
3-3ector	0.11	0.08	0.10	0.07	В	8.04 x 10 ⁻⁷
	0.13	0.10	0.11	0.09	В	9.51 x 10 ⁻⁷
SE+Sector	В	В	В	В	В	2.26 x 10 ⁸
SE-Sector	0.06	0.05	0.06	0.04	В	4.65 x 10 ⁻⁷
SE+Sector	0.09	0.07	0.08	0.06	В	6.92 x 10 ⁻⁷
S-Sector	0.06	0.05	0.05	0.04	В	4.72 x 10 ⁻⁷
SE-Sector	В	В	В	В	R	1.65 x 10 ⁻⁸
SE+Sector	В	В	В	В	R	1.13 x 10 ⁻⁷
SE-Sector	0.07	0.05	0.06	0.05	B	5 39 × 10 7
SE+Sector	0.07	0.05	0.06	0.05	R	5.38 x 10 ⁻⁷ 5.38 x 10 ⁻⁷
S-Sector.	0.05	0.04	0.04	0.03	B	
-4	0.05	0.04	0.04	0.03	D D	3.64 x 10 ⁻⁷
-5	В	В	В	В	В	3.64 x 10 ⁻⁷ 1.65 x 10 ⁻⁸

monitoring						
Background	0.02.0.0/	0.00.001	1000000000			2x10 ⁻¹¹
Dacageoung	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	5×10 ⁻¹¹

Time ____1415 - 1430

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

Time 1430 - 1445

itoring Location	1-Me	ton				
	Open (mR/h)	Closed (mR/h)		-CM	Ion Chamber	Air Samples
	open (mit/it)	crosed (mk/n)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc
Mile S+Sector	0.39	0.30	0.05			
SSW-Sector	0.32	0.24	0.35	0.28	В	2.93 x 10 ⁻⁶
iles S+Sector	0.08	0.06	0.29	0.22	В	2.37 x 10 ⁻⁶
SSW-Sector	0.06	0.05	0.07	0.06	В	6.02 x 10 ⁻⁷
iles S-Sector .	В		0.05	0.04	В	4.50 x 10 ⁻⁷
S+Sector	B	B B	В	В	В	2.05 x 10 ⁻⁷
SSW-Sector	В	B	В	В	В	2.82 x 10 ⁻⁷
iles S-Sector	B	В	В	В	В	7.77 x 10 ⁻⁸
S+Sector	B		В	В	В	1.22 x 10 ⁻⁷
iles S-Sector	B	В	В	В	В	1.22 x 10 ⁻⁷
S+Sector	B	В	В	В	В	8.41 x 10 ⁻⁸
ion 5-5	В	В	В	В	В	2.82 x 10 ⁻⁸
les SSE+Sector	В	В	В	В	В	4.69 x 10 ⁻¹⁰
S-Sector	В	В	В	В	В	2.26 x 10 ⁻⁸
S+Sector	0.06	В	В	В	В	1.50 x 10 ⁻⁷
les SSE+Sector		0.05	0.06	0.04	В	4.72 x 10 ⁻⁷
S-Sector	0.05	0.04	0.04	0.03	В	3.64 x 10 ⁻⁷
S+Sector	0.07	0.05	0.06	0.05	В	5.38 x 10 ⁻⁷
on 7-5	В	В	В	В	В	1.13 x 10 ⁻⁷
les SSE-Sector	В	В	В	В	В	2.93 x 10 ⁻⁷
SSE+Sector	В	В	В	В	В	8.96 x 10 ⁻⁸
S-Sector	В	В	В	В	В	2.93 x 10 7
on 8-8	В	В	В	В	В	4.35 x 10 ⁻⁷
8-9	0.14	0.10	0.12	0.10	В	1.02 x 10 ⁻⁶
9-6	0.28	0.21	0.26	0.20	P	2.12 x 10 ⁻⁶
les SE+Sector	В	В	В	В	В	8.4 x 10 ⁻¹¹
SSE-Sector	В	В	В	В	В	-B
	0.11	0.08	0.10	0.08	В	8.22 x 10 ⁻⁷
SSE+Sector	0.25	0.18	0.22	0.17	В	1 82 × 10 6
S-Sector	В	В	В	В	В	1.83 x 10 ⁻⁶ 1.42 x 10 ⁻⁹
					В	1.42 X 10 °
er monitoring					2.	10-11
na background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	5x10 ⁻¹¹

Time ____1430 - 1445

GM Readings

	ter	4-	CM	Ion Chamber	Air Samples
Open (mR/h)	Clused (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	I-131 (µci/cc
В	В	R	R	D	1.18 x 10 ⁻⁹
0.22	0.16	0.19	0.15	B	1.60 x 10 ⁻⁶
0.10	0.07	0.09	0.07	В	7.16 x 10 ⁻⁷
В	В	В	В	В	6.38 x 10 ⁻⁸
D R	B	В	В	В	1.18 x 10 ¹⁰
В	R	B	В	В	6.38×10^{-8} 1.18×10^{-9}
	Open (mR/h)	B B O.22 O.16	Open (mR/h) Closed (mR/h) Open (mR/h) B B B 0.22 0.16 0.19	Open (mR/h) Closed (mR/h) Open (mR/h) Closed (mR/h) B B B B B 0.22 0.16 0.19 0.15	Open (mR/h) Closed (mR/h) Open (mR/h) Closed (mR/h) Readings (mR/h) B B B B B B 0.22 0.16 0.19 0.15 B

1 other monitoring 2x10⁻¹¹ cations-Background 0.02-0.04 0.02-0.04 0.02-0.04 0.02-0.04 0 5x10⁻¹¹

Time 1445 - 1500

Monitoring Location	1-Me	ter	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 SSE-Sector	В	В	В	L	R	4.92 x 10 ⁻⁸
SSE+Sector	. В	В	В	В	B	1.95 x 10 ⁻⁷
S-Sector	0.04	0.03	0.04	0.03	В	3.08 x 10 ⁻⁷
ocation 10-9 10-10	В	В	В	В	В	7.34 x 10 ⁻¹¹
10-10	В	В	В	В	В	2.58 x 10 ¹⁰
10-12	B	В	В	В	В	2.66 x 10 ⁻⁷
	В	В	В	В	В	4.59×10^{-8}

Time 1445 - 1500

toring Location	1-Me		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)
file S-Sector	0.32	0.24	0.29	0.22	В	2 27 10-6
S+Sector	0.39	0.30	0.35	0.28	B	2.37 x 10 ⁻⁶
les S-Sector	0.06	0.05	0.05	0.04	D D	2.93 x 10 ⁻⁶
S+Sector	0.08	0.06	0.07	0.06	D D	4.50 x 10 ⁻⁷
SSW-Sector ·	0.06	0.05	0.05	0.04	D D	6.02 x 10 ⁻⁷
es S-Sector	В	В	R	B	D D	4.50 x 10 ⁻⁷
S+Sector	В	B	B B	D	В	2.05 x 10 ⁻⁷
SSW-Sector	В	B	D	D	В	2.82 x 10 ⁻⁷
es S-Sector	B	R	D D	D D	В	7.77 x 10 ⁻⁸
S+Sector	R	R	D	D	В	1.22 x 10 ⁻⁷
es S-Sector	R	R	D	В	В	1.73 x 10 ⁻⁷
S+Sector	R	R	D D	В	В	8.41 x 10 ⁻⁸
es S-Sector	R	R	D	B	В	1.21 x 10 ⁻⁷
S+Sector	R	D D	D	В	В	7.11 x 10 ⁸
es S-Sector	R	D D	D	В	В	1.04×10^{-7}
S+Sector	R	B	D	В	В	5.49 x 10 ⁸
es SSE+Sector	R	B	D	В	В	8.10 x 10 ⁸
S-Sector	0.06	0.04	0.05	В	В	1.27 x 10 ⁻⁸
S+Sector	0.06	0.04	0.05	0.04	В	4.35 x 10 ⁻⁷
n 8-8	B.00	D. 04	0.05	0.04	В	4.35 x 10 ⁻⁷
8-9	B B	D D	В	В	В	6.04 x 10 ¹⁰
8-10	B B	D	В	В	В	7.17 x 10 ⁻⁸
es SSE+Sector	B	D	В	В	В	2.41 x 10 ⁻⁷
S-Sector	0.05	0.0/	B	В	В	2.41×10^{-7}
S+Sector	В	0.04	0.04	0.03	В	3.61×10^{-7}
3.00001	D	В	В	В	В	7.17 x 10 ⁻⁸

r monitoring						2x10 ⁻¹¹
as-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	5x10 ⁻¹¹
			0.02 0.04	0.02 0.04	U	3X10

Time ____1500 - 1515

CM Readings GM Readings

oring Location	1-Me		4-	CM	Ion Chamber	Air Samalas
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)	Readings (mR/h)	Air Samples I-131 (μci/cc)
ile S+Sector	0.22				(111/11)	1 131 (pc1/cc)
SSW-Sector	0.32	0.24	0.29	0.22	В	2.37 x 10 6
es S+Sector	0.17	0.12	0.15	0.12	В	1.24 x 10 ⁻⁶
SSW-Sector .	0.06	0.05	0.05	0.04	В	4.50 x 10 ⁻⁷
es S-Sector	В	В	В	В	В	1.89 x 10 ⁻⁷
	В	В	В	В	B	2.05 x 10 ⁻⁷
S+Sector	В	В	В	В	R	
SSW-Sector	В	В	В	В	r	2.82 x 10 ⁻⁷
es S-Sector	В	В	B	В	D	2.05×10^{-7}
S+Sector	В	В	R	D D	D	1.22 x 10 ⁻⁷
SSW-Sector	В	В	R	D	В	1.73 x 10 ⁻⁷
s S-Sector	В	R	R	D	В	1.22 x 10 ⁻⁷
S+Sector	B	R	D D	D D	В	8.41 x 10 ⁸
SSW-Sector	B	D	D	В	В	1.21 x 10 ⁻⁷
s S-Sector	R	D	В	В	В	8.41 x 10 ⁸
S+Sector	B	D D	В	В	В	7.11×10^{-8}
SSW-Sector	D D	D D	В	В	В	1.04×10^{-7}
s S-Sector	D D	В	В	В	В	7.11 x 10 ⁻⁸
S+Sector	В	В	В	В	В	5.49 x 10 ⁻⁸
SSW-Sector	В	В	В	В	В	8.10 x 10 ⁸
s S-Sector	В	В	В	В	В	5.49 x 10 ⁻⁸
S+Sector	В	В	В	В	В	4.41 x 10 ⁻⁸
	В	В	В	В	B	6.55 x 10 ⁻⁸
SSW-Sector	В	В	В	R	R	1.35 x 10 ⁻⁸
7-6	В	В	В	В	D D	1.33 x 10
8-9	В	В	В	R	D D	1.71 x 10 ⁸
8-10	В	В	B	В	D D	5.95 x 10 ⁸
8-11	В	В	В	В	В	1.28 x 10 ¹⁰
				Б	В	9.10 x 10 ⁻¹¹

r monitoring						
s-Background	0.02-0.04	0 00 0 0/				2x10 ⁻¹¹
	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	5x10 ⁻¹¹

Time 1500 - 1515

GM Readings

nitoring Location	7		-							
northern Guitan	I-He	rer)-7	W		Ion Chamba	1	Air Commlo
	Open (mR/h)	Closed	(mR/h)	Open	(mR/h)	Closed	(mR/h)	mR/h) Closed (mR/h) Open (mR/h) Closed (mR/h) Readings (mR/h)	1	I-131 (IICi/Cc)
Miles S-Sector S+Sector Miles S-Sector S+Sector ition 10-2	88888	B B B B B B		8 8 8 8 8 8		BBBBB		82 82 82 83	1	3.63 x 10 ⁻⁸ 3.63 x 10 ⁻⁸ 2.93 x 10 ⁻⁸ 2.93 x 10 ⁻⁸

0.02-0.04

Time _____1515 - 1715

GM Readings

nitoring Location	1-Me	ter	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)
liles S-Sector						7.67 x 10 ⁻¹⁰
S+Sector						4.63 x 10 ⁻⁸
SSW-Sector						7.67 x 10 ⁻¹⁰
Miles S-Sector		Background				6.92 x 10 ⁻⁹
S+Sector ·						4 x 10 ⁻⁸
SSW-Sector						6.92 x 10 ⁻⁹
ion 10-12						7.87 x 10 ⁻¹⁰

ther monitoring ions-Background 0.02-0.04 0.02-0.04 0.02-0.04 0.02-0.04 0 5x10⁻¹¹

Time _____1515 - 1715

nitoring Location	1-Me		4-1	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					()	1 151 (pc1/cc)
	В	В	В	В	В	1.24 x 10 ⁻⁶
S+Sector	0.39	0.30	0.35	0.28	В	2.93 x 10 ⁻⁶
SSW-Sector	В	В	В	В	B	1.24 x 10 ⁻⁶
Miles S-Sector	В	В	В	В	R	4.48 x 10 ⁻⁸
S+Sector .	0.15	0.11	0.13	0.10	R	6.02 x 10 ⁻⁷
SSW-Sector	В	В	В	В	P	
files S-Sector	В	В	В	R	D	4.48 x 10 ⁻⁸
S+Sector	0.08	0.06	0.07	0.06	D D	1.57 x 10 ⁻⁸
SSW-Sector	В	R	R	0.00	В	2.82 x 10 ⁻⁷
Miles S-Sector	В	R	D	D	В	1.57 x 10 ⁻⁸
S+Sector	R	R	D	B	В	4.29 x 10 ⁸
SSW-Sector	R	R	D	В	В	1.73 x 10 ⁻⁷
files S-Sector	R	D D	D	В	В	4.29 x 10 ⁻⁷
S+Sector	R	D	В	В	В	4.65 x 10 ⁻⁹
SSW-Sector	B	D D	В	В	В	1.21 x 10 ⁻⁷
liles S-Sector	D D	D	В	В	В	4.65×10^{-9}
S+Sector	D	В	В	В	В	2.26 x 10 ⁻⁸
SSW-Sector	В	В	В	В	В	1.04 x 10 ⁻⁷
files S-Sector	В	В	В	В	В	2.26 x 10 ⁻⁸
S+Sector	В	В	В	В	В	2.48×10^{-9}
	В	В	В	В	В	8.10 x 10 ⁻⁸
SSW-Sector	В	В	В	В	В	2.48 x 10 ⁻⁹
ion 7-6	В	В	В	В	B	1.35 x 10 ⁻⁸
files S-Sector	В	В	В	В	B	1.91 x 10 ⁻⁹
S+Sector .	В	В	В	B	R	6.55×10^{-8}
SSW-Sector	В	В	В	В	R	1.91 x 10 ⁻⁹

other monitoring						
other monitoring						2x10 ⁻¹¹
tions-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	
			0.02 0.04	0.02 0.04	U	5x10 ⁻¹¹

Time 1715 - 1800

onitoring Location	1-Me	ter	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	0.20				
Miles S-Sector	0.15	0.11	0.29	0.22	В	2.37 x 10 ⁻⁶	
S+Sector	0.11	0.08	0.13	0.10	В	1.10 x 10 ⁻⁶	
Miles S-Sector	0.08		0.10	0.08	В	8.29 x 10 ⁻⁷	
S+Sector ·	0.06	0.06	0.07	0.04	В	4.50 x 10 ⁻⁷	
Miles S-Sector	0.06	0.05	0.05	В	В	1.89 x 10 ⁻⁷	
S+Sector	D D	В	В	В	В	2.16 x 10 ⁻⁷	
Miles S-Sector	В	В	В	В	В	1.55 x 10 ⁻⁷	
S+Sector	В	В	В	В	В	1.43 x 10 ⁻⁷	
tion 5-5	В	В	В	В	В	9.97 x 10 ⁻⁸	
Miles S-Sector	В	В	В	В	В	5.61 x 10 ⁻⁹	
S+Sector	В	В	В	В	В	1.04 x 10 ⁻⁷	
Miles S-Sector	В	В	В	В	В	7.11 x 10 ⁻⁸	
	В	В	В	В	В	8.10 x 10 ⁻⁸	
S+Sector	В	В	В	В	В	5.49 x 10 ⁻⁸	
Miles S-Sector	В	В	В	В	B	6.55 x 10 ⁻⁸	
S+Sector	В	В	В	В	R	4.41 x 10 ⁻⁸	
ition 8-9	В	В	В	B	R	9.10 x 10 ⁻¹¹	
8-10	В	В	В	B	R	1.46 x 10 ⁻⁹	
Miles S-Sector	В	В	В	R	R	5.44 x 10 ⁻⁸	
S+Sector	В	В	B	R	D D		
tion 10-11	В	В	B	R	D D	3.43 x 10 ⁻⁸	
10-12	В	В	R	D D	D	B 10-9	
Miles S-Sector	В	B	R	D	D	6.92 x 10 ⁻⁹	
S+Sector-	В	B	R	D	В	4 x 10 ⁻⁸	
			D	В	В	2.58×10^{-8}	

other monitoring						
tions-Background	0.00.00/					2x10 ⁻¹¹
crous background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	5x10 ⁻¹¹

Time _____1800 - 1815

onitoring Location	1-Me	ter	4-(CM	Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed (mR/h)		I-131 (µci/cc)
Miles SSE+Sector						1 72 - 10-7
S-Sector						1.73 x 10 ⁻⁷
ation 4-11						1.22 x 10 ⁻⁷
Miles SSE+Sector						4.29 x 10 ⁻⁸
S-Sector						1.21 x 10 ⁻⁷
ation 5-5						8.41 x 10 ⁻⁸
Miles SSE+Sector						9.13 x 10 ⁸
S-Sector						1.04 x 10 ⁻⁷
Miles SSE+Sector						7.11 x 10 ⁸
S-Sector			Background			8.10 x 10 8
ation 7-5						5.49 x 10 ⁸
Miles SSE+Sector						8.10 x 10 8
						6.55×10^{-8}
S-Sector						4.41 x 10 ⁸
ation 8-8 8-9						1.91 x 10 ⁻⁹
						6.55 x 10 ⁻⁸
Miles SSE+Sector						5.44 x 10 ⁻⁸
S-Sector						3.63 x 10 ⁻⁸
Miles SSE+Sector						2.93 x 10 ⁸
S-Sector						4.63 x 10 ⁻⁸
ition 10-11						4.00 x 10 ⁻⁸
10-12						7.87 x 10 ⁻¹⁰
						7.67 X 10

other monitoring						2x10 ⁻¹¹
tions-Background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.06		
	0.02 0.04	0.02 0.04	0.02-0.04	0.02-0.04	0	5x10 ⁻¹¹

Time _____1815 - 1830

onitoring Location	1-Me	ter		-CM	Ion Chamber	A C 1
	Open (mR/h)	Closed (mR/h)	Open (mR/h)		Readings (mR/h)	Air Samples I-131 (μci/cc)
Miles SSE-Sector						
ation 5-4						1.21 x 10 ⁻⁷
Miles SSE-Sector						1.21 x 10 ⁻⁷
SSE+Sector						7.11 x 10 ⁻⁸
Miles SSE-Sector						8.01 x 10 ⁻⁸
SSE+Sector						5.49 x 10 ⁻⁸
tion 7-4						8.10 x 10 ⁻⁸
7-5			Backgrou	nd		1.71 x 10 ⁸
Miles SSE-Sector						2.48 x 10 ⁻⁹
SSE+Sector						4.41 x 10 ⁻⁸
S-Sector						6.55 x 10 ⁸
tion 6-8						1.91 x 10 ⁻⁹
8-9						3.63 x 10 ⁻⁸
Miles SSE-Sector						1.08 x 10 ⁻⁸
SSE+Sector						2.93 x 10 ⁻⁸
S-Sector						4.63 x 10 ⁻⁸
Miles SSE+Sector						7.41 x 10 ⁻⁹
S-Sector						4 x 10 ⁻⁸
tion 10-11						2.58 x 10 ⁻⁸
						6.92 x 10 ⁻⁹

other monitoring ions-Background	2 22 2 21					2x10 ⁻¹¹
Tons background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	5x10 ⁻¹¹

Time ____1830 - 1845

nitoring Location	1-Me	ter		-CM		Ion Chamber	Air Samples
	Open (mR/h)	Closed (mR/h)	Open (mR/h)	Closed	(mR/h)	Readings (mR/h)	I-131 (µci/cc)
files SSE-Sector							0 10 10-8
SSE+Sector							8.10 x 10 ⁻⁸
SE+Sector							5.49 x 10 ⁸
tion 7-4							1.71 x 10 ⁻⁸
files SSE-Sector							1.71 x 10 ⁸
SSE+Sector							6.55 x 10 ⁻⁸
liles SSE-Sector		Background					1.35 x 10 ⁸
SSE+Sector		packground					5.44 x 10 ⁻⁸
ion 8-8							1.08 x 10 ⁸
Miles SSE-Sector							3.63 x 10 ⁻⁸
SSE+Sector							4.63 x 10 ⁻⁸
ion 10-11							2.93 x 10 ⁸
							7.87 x 10 ⁻¹⁰

other monitoring					المستحدث المستحدث	
tions-Background	0.00.00					2x10 ⁻¹¹
crons-background	0.02-0.04	0.02-0.04	0.02-0.04	0.02-0.04	0	5x10 ⁻¹¹

Time ____1845 - 1900

GM Readings

onitoring Location	1-Me	ter	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						
Miles SSE-Sector						6.55×10^{-8}
SSE+Sector						5.44 x 10 ⁻⁸
ation 8-8		Background				3.63 x 10 ⁸
0 Miles SSE-Sector		Background				1.46 x 10 ⁻⁹
SSE+Sector						4.63 x 10 ⁸
ation 10-10						4.00 x 10 ⁸
10 10						7.87 x 10 ⁻¹⁰

other monitoring tions-Background 0.02-0.04 0.02-0.04 0.02-0.04 0.02-0.04 0 5x10⁻¹¹

after 1900 Time

GM Readings

TOTAL POCACION		I-Me	ter			4-CM			Ton Chambor	Air Com
	Onon	(m)/F)		1 11111	-	-	-		TOIL CHAMDEL	AIL SAMPI
	open	(IIIIV) II)	Closed	(mK/h)	Open (mR)	(h)	losed (mR/h)	Peadinos (mR/h	1 I-131 (

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

2x10-11

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Attachment 2A

PROCESS RADIATION MONITOR UPDATE

	er Containment sample valve status Open	Closed Closed
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15.	Lower Containment Total Gas, RM-90-106A, cpm Lower Containment Iodine, RM-90-106C, cpm Upper Containment Particulate, RM-90-112, cpm Upper Containment Total Gas, RM-90-112B, cpm Upper Containment Iodine, RM-90-112C, cpm	NORMAL JINCREASWAJ OFFSCALE - HIGH NORMAL

-10-

Data By:

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Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	e $2/6/85$ Time $T = 30 \text{ min}$ Unit	1
1.	Upper Containment High Range (top of SG#2 and #3 enclosure), Elev. 785, RM-90-271, R/hr	
2.	Upper Containment High Range (top of SG #1 and #4 enclosure)	NORMAL
3.	Lower Containment High Range (inside polar crane wall between	11.0
4.	30 3 1/2 and 1/3), Elev. /13, RM-90-2/3, R/hr	111000 41
5.	Lower Containment High Range (inside polar crane wall, betwee SG's #1 and #4), elev. 715, RM-90-274, R/hr	en Magaari
٥.	Shield Building Vent Low Range (below CCS C-S pump transfer 6900 V shutdown board room), elev. 734, RM-90-260, mR/hr	switch, 7, A
6.	Site of building vent ligh Range (below CCS C-S numb transfer	11.4
7.	v shuldown board room! Elev. 734 RM=Q0=261 mD/k=	60
	Reactor Coolant Drain Tank Pump Discharge (on shield wall, Elev. 690 pipe chase), RM-90-275, mR/hr	
8.	Reactor Coolant Drain Tank Pump Discharge (on sheild wall	NORMAL
	Elev. 090 pipe chase), kn-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	
10.	Reactor Building Floor and Equipment Drain Sump Pump	NORMAL
	Discharge, (on shield wall, Elev. 690 pine chase)	
11.	KM-90-2/8, mR/hr	NORMAL
12.	RHR Pump Room A-A Low Range, Elev. 653, RM-90-290, mR/hr	
13.	RHR Pump Room A-A High Range, Elev. 653, RM-90-291, mR/hr 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 rump Air Exhaust Low Range Fley 722	
16.	Turbine Building, RN-90-255, mR/hr	
10.	Condenser Vacuum Pump Air Exhaust High Range, Elev. 732 Turbine Building, RM-90-256, mR/hr	1
Remar		
1. 1	EBERLINE 90-401 = 630 CPM	
	90-402= 51,200 CPM	
	90-402 = 51,200 CPM 90-403 = OFFSCALE-HIGH	
Data	by:	

SQN-REP-IPD SQN, IP-6 Page 2 of 4 Rev. 10

Attachment 2A

PROCESS RADIATION MONITOR UPDATE

r containment sample valve status Open	Closed —
Lower Containment Particulate, RM-90-106A, cpm Lower Containment Total Gas, RM-90-106B, cpm Lower Containment Iodine, RM-90-106C, cpm Upper Containment Particulate, RM-90-112, cpm Upper Containment Total Gas, RM-90-112B, cpm	NORMAL
opper containment lodine RM=00-1120	-
WHILE A DULLULING VENT LOTAL COR DM-OO 1100	1 INCREASING
Differd Building vent loding RM-00-1000	DEFSCALE -HIGH
manaridity building vent Particulate	1 INCREASING
K11-90-101A, CDM	NORMAL
RM-90-101P common Vent Total Gas,	TORTHE
Auxiliary Ruilding Vent Judies Dy se see	
Steam Generator Blowdown PM-90-101C, cpm	
Steam Generator Blowdown RM-QO-1014	
congenser vacuum Pump Air Exhauet Tou Page	
Condenser Vacuum Pump Air Exhaust High Panes	
ERCW Discharge Header A Py-00-1221	
- Linew Discharge Header A. RM-90-1404	
-nen Discharge Header R RM-QO-12/1	
ERCW Discharge Header B, RM-90-141A, cpm	
The same and the s	Lower Containment Particulate, RM-90-106A, cpm Lower Containment Total Gas, RM-90-106B, cpm Lower Containment Iodine, RM-90-106C, cpm Upper Containment Particulate, RM-90-112, cpm Upper Containment Total Gas, RM-90-112B, cpm Upper Containment Iodine, RM-90-112C, cpm Upper Containment Iodine, RM-90-112C, cpm Shield Building Vent Particulate, RM-90-100A, cpm Shield Building Vent Total Gas, RM-90-110B, cpm Shield Building Vent Iodine, RM-90-100C, cpm Auxiliary Building Vent Particulate, RM-90-101A, cpm Auxiliary Building Vent Total Gas, RM-90-101B, cpm Auxiliary Building Vent Iodine, RM-90-101C, cpm Steam Generator Blowdown, RM-90-120A, cpm Steam Generator Blowdown, RM-90-121A, cpm Condenser Vacuum Pump Air Exhaust, Low Range, RM-90-99, cpm Condenser Vacuum Pump Air Exhaust, High Range, RM-90-119, cpm CRCW Discharge Header A, RM-90-133A, cpm CRCW Discharge Header R, RM-90-140A, cpm CRCW Discharge Header R, RM-90-140A, cpm

Data By:

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Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	2/6/85	_	Time .	T=	200	in	Unit	1
1.	Upper Contains Elev. 785, RM-	ent High Ra	nge (to	op of S	G#2 and	#3 encl		
2.	Upper Containm	ent High Ra	nge (to	op of S	G #1 and	1 #4 enc	losure)	NORMAL
3.	Lower Containm	ent High Ra	r nee (in	side n	olar or			11.0
4.	20 2 11 guld 117	J. Liev. /I) . KM=9	(0=273)	R/hr			
	Lower Containm SG's #1 and #4	1 - M 1 M V / 1	N M - U		D/L			n
5.	Shield Buildin	g Vent Low	Range (below	CCS C-S	pump tr	ansfer s	witch.
6.		" DOULD LOUI	11 4 6 1 6	V . / 14	PCPI = GII =	This mil	/ Pro ser	1 1 /4
	Shield Buildin 6900 V shutdow Reactor Coolan	n nogia tool	n). rie	U / 144	RM-90-	261 mD	/hw	switch 60
	wegerer contail	L Drain Tani	Lump	Discha	ree (on	shield	wall	60
	rica, old bibe	chase), km	90-275	mR/h	r			NORMAL
	Reactor Coolan Elev. 690 pipe	chase) RM-	90-276	Discha mR/h	rge (on	sheild	wall,	
9.	Reactor Building	ng Floor and	Equip	ment D	rain Sum	n Pumn	-	NORMAL
	bischarge, (on	shield wall	, Elev	. 690	pipe cha:	se),		
	M1-90-2//, mK/!	ır						NORMAL
	Reactor Buildir Discharge, (on	shield wall	Equip	ment Di	rain Sump	p Pump		
	RM-90-278, mR/h	r	, Liev.	. 090 [oipe chas	se),		
11.	RHR Pump Room A	-A Low Rang	e, Elev	. 653.	RM-90-2	290. mR/	he	NORMAL
	dun rump Room A	-A High Kan	2e. Ele	ev 653	RM-90-	-201 mD	1/h=	
*** 1	men rumb room b	-B Low Kang	e. Elev	1. 653	RM-90-2	102 mp/	he	
	and rump Room D	on nigh Kan	2e. t.le	W. 653	RM-90-	203 mp	/h=	
	ondenser Vacuu urbine Buildin	e. RM-90-25	txnaust	Low K	ange, El	lev. 732		
10.	ondenser Vacuu	m Pump Air	Exhaust	High	Rance F	lev 73	2	
1	urbine Buildin	g, RM-90-25	6, mR/h	r	nonge, L	1104. 73	2	1/
							_	
Remark	s:							
	0-01-1-	1. 11	,	10				
1, E	BERLINE	90-40	/ =	630	CPM			
		90-40	2=	51,:	200€	PM		
		90-40	03=	OFF	SCALL	e-HI	64	
ata h	,							

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Attachment 2A

PROCESS RADIATION MONITOR UPDATE

1.	Lower Containment Particulate, RM-90-106A, cpm	Closed Closed Closed Closed
3.	Lower Containment Total Gas, RM-90-106B, cpm Lower Containment Iodine, RM-90-106C, cpm	
4.	opper Concainment Particulate RM-90-112 com	
5.	opper containment Total Gas RM-00-112P	
6.	upper containment lodine RM-90-1120 com	4
8.	Shield Building Vent Particulate, RM-90-100A, cpm Shield Building Vent Total Gas, RM-90-110B, cpm	1 INCREASING
9.	Shield building vent lodine RM-00-1000	OFFSCALE -HIGH
10.	Additional Duliding Vent Particulate	1 INCREASING
11.	K1-90-101A, CDM	NORMAL
	Auxiliary Building Vent Total Gas, RM-90-101B, cpm	I
12.	Auxiliary Building Vent Iodine, RM-90-101C, cpm	
13.	Seedin delierator Blowdown, RN-90-1204 com	
14.	Steam Generator Blowdown, RM-90-1214 com	
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-90-1334 cpm	
8.	Encw Discharge Header A. RM-90-1404 com	
9.	Ench Discharge Header R. RM-90-13/4 com	
	ERCW Discharge Header B, RM-90-141A, cpm	
emar	ks:	
1.	0- PM 01 110 15	
	0-RM-90-118 = OFFSCALE - HIGH	

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Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	2/6/85	_ Time	T=	Triv.	Unit	1
1.	m	ent High Range	(top of S	G#2 and #3		
2.	Upper Containm	ent High Range	(top of S	G #1 and #4	enclosure)	NORMAL
3.	Lower Containm	ent High Range	(inside n	olar crane		
4.	00 3 1/2 and 1/3), Elev. 715, Rient High Range	M-90-273	R/hr		
	SG's #1 and #4), elev. 715, R	1-90-274,	R/hr	wall, betwe	
5.	Shield Buildin), elev. 715, Rig Vent Low Range n board room), e vent High Range	e (below	CCS C-S pum	p transfer	switch,
6.						11.4
						60 switch
0.00	meneral contail	Drain Tank Pun chase), RM-90-2	nn Illicensi	roo lan ahi	eld wall,	
0.	Reactor Coolant	Drain Tank Pun	in Dischar	op (on chai	ild wall.	NORMAL
	wret. Old bibe	Chasel. Kn=40=7	In mk/hy			NORMAL
	procharge, (on	ng Floor and Equ shield wall, El	ev 690 r	ain Sump Pu	ımp	
	M1-90-2//, MK/I	r				NORMAL
10.	Discharge (on	g Floor and Equ	ipment Dr	ain Sump Pu	ımp -	NUMMAL
10 to	d1 30-2/0, mK/h	shield wall, El				
11. I	RHR Pump Room A	-A Low Range, E	lev. 653,	RM-90-290.	mR/hr -	NORMAL
	and tramp troom W	-M nigh Kange.	Flou 653	PM-00-201	-D/L	
	was a minh would b	-D LOW Mange F	120 657	PM - 30 - 202	-D / L	
	ondenser Vacuu	-B High Range, I	et lou P	, KM-90-293	, mR/hr	
Marie S	arothe partalli	K. KII-9U-/33 m)	2/hr			
	ondenser vacuu	n Pump Air Exhau	ist High 1	Range, Flev	732	
1	urbine Buildin	g, RM-90-256, mF	R/hr		. /32	V
emark	 S:					
I. E	BERLINE	90-401 =	630	CPM		
		90-402=				
		1. 1.	- ') -			
		90-403	= OFF	SCALE -	4164	11%
ata by	r:					

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Attachment 2b

POST ACCIDENT AREA RADIATION MONITOR UPDATE

Date	2/6/85	Time	T= 0	Uni	. /
1. 2. 3. 4. 5. 6. 7. 8.	Upper Contains Elev. 785, RM- Upper Contains Elev. 785, RM- Lower Contains SG's #2 and #3 Lower Contains SG's #1 and #4 Shield Buildin 6900 V shutdow Shield Buildin 6900 V shutdow Reactor Coolan Elev. 690 pipe Reactor Coolan Elev. 690 pipe Reactor Buildin Discharge, (on RM-90-277, mR/)	ment High Range 190-271, R/hr ment High Range 190-272, R/hr ment High Range 190-272, R/hr ment High Range 190, Elev. 715, RM ment High Range 190-272, RM ment High Range 190, RM m	(top of SG#2 a (top of SG #1 (inside polar M-90-273, R/hr (inside polar M-90-274, R/hr (below CCS C elev. 734, RM- ge (below CCS lev. 734, RM- pp Discharge (75, mR/hr pp Discharge (76, mR/hr ipment Drain Sev. 690 pipe (and #3 enclosure and #4 enclosure crane wall, between the crane wall, between the crane wall, between the crane wall, between the constant of	NORMAL Ween NORMAL WEEN NORMAL Switch, 71.4 Pr switch, 60 NORMAL NORMAL
13. 14. 15.	Reactor Buildin Discharge, (on RM-90-278, mR/M RHR Pump Room A RHR Pump Room B RHR Pump Room B Condenser Vacuu Turbine Buildin Condenser Vacuu	ng Floor and Equi	lev. 653, RM-9 Elev. 653, RM-9 Elev. 653, RM-9 Elev. 653, RM-9 St Low Range, R/hr	chase), 00-290, mR/hr 90-291, mR/hr 0-292, mR/hr 90-293, mR/hr Elev. 732	NORMAL
Remar 1. E	EBERLINE	90-401 = 90-402 = 90-403 :	51,200	CPM	

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Attachment 2A

PROCESS RADIATION MONITOR UPDATE

	· 2/6/85	Time T= O	Unit	
-Low Upp	er Containment sampler Containment sampl	e valve status e valve status	Open	Closed Closed
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16.	Lower Containment	Total Gas, RM-90- Iodine, RM-90-106 Particulate, RM-90- Total Gas, RM-90- Iodine, RM-90-1120 Int Particulate, RM-90- Int Total Gas, RM-90- Iodine, RM-90-120 Int Particulate, RM-90-120 Int Total Gas, RM-90-120 Iodine, RM-90-120 Iodine, RM-90-120 Iodine, RM-90-121 Iodine, RM-90-121 Iodine, RM-90-121 Iodine, RM-90-121 Iomp Air Exhaust, L Iodine, RM-90-133A, Iodine, RM-90-134A Iodine, RM-90-134	106B, cpm C, cpm C, cpm D-112, cpm 112B, cpm C, cpm 1-90-100A, cpm 00-110B, cpm 100C, cpm C-101C, cpm C-10m	NORMAL JINCREASING OFFSCALE -HIGH JINCREASING NORMAL
Remai				
1,	0-RM-90-11	8 = OFFSCALE	E - H16H	
ata	Ву:			

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.

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.

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.

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%).

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.

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.

Message For: Shift

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.

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.

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.

Message For: Shift Engineer

February 6, 1985 Date:

T = 2 Hours, 30 Minutes Time:

Message: THIS IS A DRILL.

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

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.

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.

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.

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.

Message For: Shift Engineer

February 6, 1985 Date:

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.