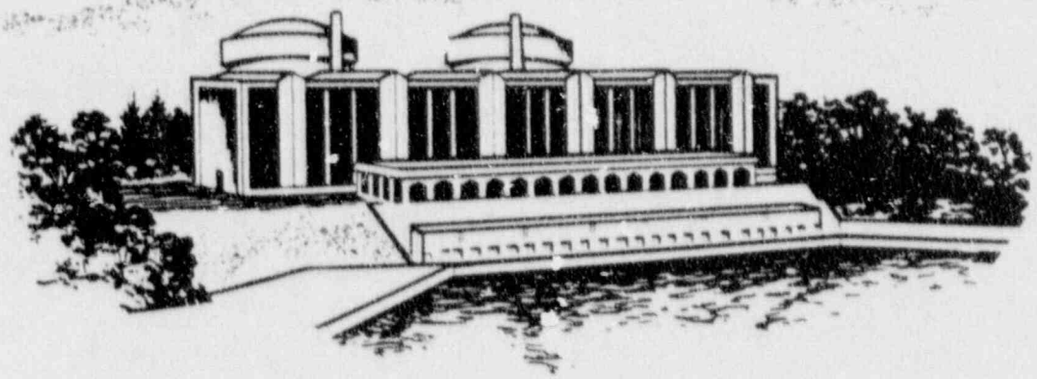
CALVEX '92

August 18, 1992



CALVERT CLIFFS

NUCLEAR POWER PLANT

Emergency Planning Unit

NUCLEAR SAFETY & PLANNING DEPT

BALTIMORE GAS & ELECTRIC CO.

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August 12, 1992

TO: Distribution

FROM: Ed Roach, EPU, NSPD (x-4974)

SUBJECT: Classrooms/Conference Rooms for 1992 EP Drills, Exercises and Briefings

The following rooms are scheduled to support the CALVEX '92 exercise. If there are any proolems, please call me at extension 4974.

8/18/92 - CALVEX

Date	Time	Purpose	Number of Attendees	LOCATION
8/4/92	9-11 am	Predrill Controller Mtg.	30	CR A, OTF
8/17/92 - 8/19/92	7-5 pm	NOF Conference Room for NRC	14	Conf Rm D NOF-3
8/18/92	2-4 pm	Control Room/Ops Critique	30	CR C, OTF
8/18/92	4-6 pm	Evaluator Meeting/Critique	25	CR C, OTF
8/19/92	10:30 - 3:30	Exercise Critique/NRC Exit	60	CR 10/12, NOF

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL SCENARIO

CASUALTY CONTROL - 3

REVISION 3

WITH REVISION 0 OBJECTIVES AND EVALUATION CRITERIA

Edward H Roac DATE 7/22/92
Emergency Planning Analyst

DATE 7-27-92
Supervisor-Emergency Planning

C A S U A L T Y C O N T R O L 3

TABLE OF CONTENTS

Revision 1

REVISION SUMMARY CCD - 3

1. Removed reference to Steam Generator levels in the Initial Conditions section. Final revision is pending further investigation of the simulator model by Operations Training.

2. Revised Iodine concentrations for air samples taken in the auxiliary building.

Revision 2.

1. Revised Iodine and radiogas concentrations in the Auxiliary Building per review comments.

2. Removed references to a personnel injury in the narrative section and in the messages.

3. Changed Initial Conditions to accommodate Simulator model changes.

Revision 3.

1. Revised Nuclear Operations Turnover Sheet to latest revision of CCI-307E.

2. Revised narrative,timeline and messages to reflect different initiating events and do to NRC staff discussions.

DJL

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ADMINISTRATION

1. This scenario facilitates supervised instruction aimed at testing, developing and maintaining emergency response functional skills.

2. This scenario shall be conducted so as not to cause any changes to actual plant conditions. During it's performance only the Lead Controller may authorize changes. All changes must be requested in advance.

3. This scenario shall not be started until authorized by the Lead Controller who, with concurrence from the Shift Supervisor is confident that plant conditions are compatible for the drill's safe performance.

4. Personnel are assigned as Controllers and/or Evaluators at all key function areas to monitor and control the exercise. In addition, they will accompany radiological monitoring teams, plant health physics personnel, and maintenance repair/rescue teams.

5. The plant simulator and written message forms will be used to initiate, modify, and complete the events comprising the overall scenario. Selected controllers will use the message forms to place the scenario events in effect and to trigger responses from the involved emergency response organizations. Each controller will have copies of the messages controlling the portion of the exercise scenario for which he is responsible.

6. This scenario satisfies BG&E requirements for:

   Semi-annual Health Physics Drill (ERPIP 905, Section 3.C.4.a).

   Monthly and Annual Communications test (ERPIP 905, Section 4.B.1 and 4.B.3).

   Weekly Dedicated Offsite Agency Phone operability test (for offsite agency phones).

   Testing all major elements of the Emergency Response Plan organizations except fire and personal injury (ERPIP 905, Section 2.A).

PARTICIPANTS

1. Baltimore Gas & Electric
   a. Calvert Cliffs Nuclear Power Plant Department
   b. Nuclear Engineering Department
   c. Nuclear Quality Assurance Department
   d. Facilities Management Department
   e. Purchasing and Materials Management Department
   f. Nuclear Support Services Department

2. Nuclear Regulatory Commission

PLAYER INSTRUCTIONS AND RULES

All players (or leaders of player groups) must read and follow the instructions and rules given below. This is important for the successful demonstration of emergency response capabilities.

1. Follow normal, daily routine until the exercise starts.

2. There are two clocks; scenario time(t) and actual time(T). Scenario time is more important to players. This is particularly important if the drill becomes delayed.

3. Know the Controllers and Evaluators all are identified by identification badges. Controllers and Evaluators will judge performance.

4. There may be visitors present; they will also have identification badges. Do not enter into conversations with the visitors.

5. Identify yourself by name and function to the Controller and Evaluators and always wear the identification badge.

6. Demonstrate all actions, as much as possible, per the Emergency Plan and procedures, as if it were a real emergency. Unless authorized by a Controller/Evaluator, do not simulate actions. If authorized to simulate actions, tell the Controller/Evaluator how and when you would actually accomplish each action. If a sufficient number of predesignated players are not available to carry out actions, then lead/key players may call for additional help OR simulate dispatching additional personnel (this provision primarily applies to maintenance teams).

NOTE

In general, no plant equipment or systems will be manipulated as part of the drill; i.e. all actions will be simulated. Exceptions to this may include such things as obtaining post accident samples and other items specifically authorized by the Plant General Manager-Calvert Cliffs Nuclear Power Plant Department. Actual plant manipulations must be cleared through the "real" Control Room in addition to the simulator Cortrol Room.

7. Periodically speak out loud, identifying actions and decisions to the Controller/Evaluator. This may seem artificial, but will assist in the evaluation process.

8. When in doubt, ask the Controller for clarification. Controllers/Evaluators will not prompt or coach actions.

9. Controllers will periodically issue messages or instructions to initiate response actions. Messages must be accepted; they are essential for successful performance.

10. Obey Controller's directions at all times. This is essential for the drill performance.

11. If you disagree with the Controller ask him or her to reconsider or consult with the Lead Controller, as time permits. You must, however, accept Controller's word as final, and proceed.

12. Respond to the Evaluator's questions. If questions are misdirected to you or you do not know the answer, refer them to your lead players.

13. Play as if exercise radiation levels are actually present. This requires wearing appropriate dosimetry, anti-c's and observing proper radiological control practices. Be aware of scenario radiation levels and minimize exposure.

14. Controllers/Evaluators are exempt from scenario artificialities. Do not let them confuse you or cause you to act unwisely.

15. When entering actual radiologically controlled areas or security areas, all personnel must observe all rules and procedures. No one (even a Controller or Evaluator) is exempt from normal plant radiological control, security and safety practices and procedures.

NOTE

DO NOT ENTER HIGH RADIATION AREAS WITHOUT AUTHORIZATION.
FOLLOW ALARA PRINCIPLES.

16. Demonstrate knowledge of emergency plans and procedures.

17. Use status boards, ERPIP communication forms, log books, three-part interoffice memo's, etc., as much as possible for documenting actions, instructions, and reports. Remember: "Put it in writing."

18. Initiate and close all messages with the statement: "This is a drill."

19. If at any time a real emergency occurs, or operations warrant, all drill related actions shall cease and attention shall be directed to actual operational needs. The Lead Controller shall be notified as quickly as possible of the circumstances necessit ting drill curtailment.

20. Keep a list of items you feel will improve your plans and procedures. Provide this to your team leader or center director. They will ensure they are forwarded to the responsible group. Remember one main purpose of the drill is for you, the player, to assure yourself that you are adequately prepared. Areas for improvement or lessons learned will improve overall emergency planning and preparedness.

21. There will be opportunity after the drill to critique actions with the Center Director or Team Leader. Provide inputs to your team leader or center director at this critique.

CONTROLLER INSTRUCTIONS

1. Comply with Lead Controller's directions.

2. Synchronize watches to ensure messages are delivered at proper time. Message times are relative to exercise start T+00:00. Controllers shall be stationed at T-00:15.

3. No messages shall be delivered out of time sequence without specific instruction by the Lead Controller.

4. Issue plant and radiological parameters information only upon request of appropriate participants. Messages may be explained or questions answered to ensure participants understand the message.

5. Provide information to participants as the scenario develops. Participants are expected to obtain information through their own organizations. Players must exercise their own judgement in determining response actions and resolving problems.

6. Players may insist that some scenario parts are unrealistic. With authority from the Lead Controller, Controllers have the authority to clarify questions regarding scenario content. It may be necessary to use "Controller prerogative" to preserve the exercise continuity.

7. Use existing communication systems. Use the hand held radios for control functions only not for discussion or information.

8. BG&E Field Teams will meet Controllers at the Operational Support Center for onsite teams or at the South Processing Building for offsite teams.

9. In the event of incomplete or incorrect response or if players lack knowledge of how to proceed then prompt whatever action is needed to preserve the scenario and note the deficiency for post drill critique.

10. Identify players and Evaluators by name and function.

11. Identify yourself to players: wear your name tag!

12. Understand and be familiar with the scenario. Check frequently that the scenario is on schedule.

13. Allow players flexibility to do their jobs and demonstrate skills, knowledge, and initiative.

14. If at any time a real emergency occurs, or operations warrant, all exercise related actions shall cease and attention shall be directed to actual operational needs. The Lead Controller shall be notified as quickly as possible of the circumstances necessitating drill curtailment.

15. Controllers are exempt from scenario artificialities however, when entering actual radiologically controlled areas or security areas, all personnel must observe all rules and procedures. No one (even a Controller or Evaluator) is exempt from normal plant radiological control, security, and safety practices and procedures.

NOTE

DO NOT ENTER HIGH RADIATION AREAS WITHOUT AUTHORIZATION. FOLLOW ALARA PRINCIPLES.

16. Remember, scenario events are hypothetical. Any portions depicting plant system operational transients are simulated events. No control room actions/reactions involving operation of plant system or affecting generation capability will be initiated. All exercise scenario messages will be started and closed with the words: "THIS IS A DRILL." Controllers stationed at areas vital to maintaining generating capability should be especially aware and take extra precautions in issuing messages or giving instructions regarding scenario events.

BG&E EVALUATOR/CONTROLLER POSITIONS

SIMULATOR CONTROL ROOM

Evaluator(s)
Lead Controller
Plant Parameters Controller
Interim-RAD Evaluator

TECHNICAL SUPPORT CENTER

Evaluator
Controller

OPERATIONAL SUPPORT CENTER

Evaluator
RPD Evaluator
ONMT-1 Controller/Evaluator
ONMT-2 Controller/Evaluator
Chemistry Team Controller/Evaluator
Operations Controller(s)

EMERGENCY OPERATIONS FACILITY

Command & Protective Action Evaluator
Dose Assessment Evaluator
Dose Assessment Controller
OFMT-1 Controller/Evaluator
OFMT-2 Controller/Evaluator
Plant Parameters

MEDIA CENTER

Controller

SECURITY

Evaluator

VISITOR INFORMATION

1. Observers must contact the Supervisor - Emergency Planning (BG&E) for entry authorization to BG&E emergency facilities. Name tags will be provided.

2. This scenario is available in advance of its performance upon request to:

   Supervisor - Emergency Planning
   Baltimore Gas & Electric Company
   Calvert Cliffs Nuclear Power Plant
   Lusby, MD 20657

3. Visitors must not participate in the drill nor interfere in the actions taken by the exercise players, controllers, and evaluators.

4. Identification badges are to be worn on the upper front of the torso to be clearly visible.

5. If you have questions, contact the controller of the location you are visiting.

6. Follow safety practices; take no unnecessary chances; use all safeguards and safety equipment provided; remember safety is your responsibility.

BALTIMORE GAS & ELECTRIC CO.
OBJECTIVES

OBJECTIVE - To demonstrate	NUREG-0654 Reference	IP 82302 Reference
1. Detection, assessment, classification		03.02 b.1(a); (b)
1.1 Ability to determine which emergency action level(s) has (have) been reached. - NOTE - This objective will demonstrate capability and resources to provide initial parameter values characteristic of off-normal conditions.	I.1; I.2; D.1; D.2	
1.2 Ability to classify incidents, based on action levels met, in accordance with the classification scheme (Unusual Event, Alert, Site Emergency, General Emergency).	I.1; D.1; D.2	
1.3 Ability of shift crew to classify incidents based on action levels met, in accordance with the classification scheme (Unusual Event, Alert, Site Emergency, General Emergency).	I.1; D.1; D.2	
2. Notification onsite and offsite		
2.1 Ability to notify the following State/local agencies within 15 minutes of emergency classification: (a) Calvert County (b) St. Mary's County (c) Dorchester County (d) Maryland Emergency Management Agency (MEMA) (e) Maryland Department of the Environment (MDE) - NOTE - This objective will demonstrate use of Initial Notification form.	A.1.e.;E.1; E.2; E.3 F.1.e.; F.1.e.	03.02 b.1.(c); (d)
2.2 Ability of shift crew to notify the following State/local agencies within 15 minutes of emergency classification:	A.1.e.;E.1; E.2; E.3 F.1.e.; F.1.e.	03.02 b.1.(c); (d)

	OBJECTIVE - to demonstrate	NUREG-0654 Reference	IP 82302 Reference
	(a) Calvert County (b) St. Mary's County (c) Dorchester County (d) Maryland Emergency Management Agency (e) Maryland Department of the Environment		
2.3	Ability to notify on-site personnel by plant page announcement and subsequently by implementation of ERPIP 750, Security, and by activation of radio frequency pagers (ERPIP 105, Control Room Communicator).	E.2; J.1; F.1.e	03.02 b.1.(c); (d)
2.4	Ability to notify headquarters support personnel by implementation of ERPIP 005, Recovery Organization Notification.	D.4.i; F.1.e	03.02 b.2.(f)
	- NOTE - This objective will also realize staffing of the Media Center.	G.3; G.4	03.02 b.2.(b)
3.	Communications		
3.1	Ability of center directors and key personnel (including Team Leaders) to communicate by one or more of the following:	F.; E.2 (also NUREG-0737, Sup. 1, 8.1; 8.2; 8.3; 8.4)	03.02 b.1.(c); (d) 03.02 b.2(h)
	(a) Telephones	F.1.a; b; c; d; f;	
	- NOTE - This objective can include the use of Follow-Up Communication form.	E.4	
	(b) Face-to-face communication.		
	(c) Emergency message form (transmitted by communicator or by individual initiating message).		
	(d) Radio (as available; this is the primary means of communicating with Monitoring Teams).	F.1.d.; f.; H.6.b.; c	
	(e) Any back-up communications (including message runner) if primary communication fails.		

	OBJECTIVE - to demonstrate	NUREG-0654 Reference	IP 82302 Reference
4.	Radiological exposure control		03.02 b.1.(e)
4.1	Ability to maintain personnel exposure ALARA during emergency response.	K.1.a.; b.; c.; e.; K.2.; K.3; J.6.	
4.2	Consideration of radiation protection practices such as:	K.2.; K.5.; J.3.; J.6.	
	(a) Dosimetry (c) Protective clothing/equipment (b) Personnel monitoring (d) Deconning		
4.3	Area and Emergency Center surveying/monitoring.		
4.4	Maintenance of radiation exposure records for responders.	K.3	
4.5	Ability to establish radiological control point(s).	K.2; K.6	
5.	Protective action recommendations		03.02 b.1.(f)
5.1	Consideration of protective action needs for onsite personnel.	J.7	
5.2	Consideration of protective action recommendations for State/local agencies based on scenario and scenario response conditions.		
6.	Staff augmentation		03.02 b.1.(g)
6.1	Ability to augment interim staff with additional personnel:	A.1.d	
	(a) Site Emergency Coordinator	B.3	03.02 b.1.(h)
	(b) Radiological Assessment Director		
	(c) Radiation Protection Director		
6.2	Ability to staff:		
	(a) Recovery Officer	B.7.c.	

OBJECTIVE - to demonstrate	NUREG-0654 Reference	IP 82302 Reference
(b) Administrative Support Manager	B.7 a.;b.	
(c) Telecommunications Support Manager	B.7.a.;b.	
(d) Public Information Support Manager	B.7.d.	
6.3 Ability to contact Combustion Engineering and/or Bechtel.	B.8	
- NOTE - Decision to contact these is optional. TSC-Director and/or NEF-Director will identify need based on actual response to scenario.		
7. Shift Staffing		03.02 b.1.(h)
7.1 Ability of on-shift crew to staff emergency positions:	B.1	
(a) Shift Supervisor-Interim SEC	B.2	
(b) Chemistry Technician-Interim Radiological Assessment Director		
(c) Radiation Safety Technician-Interim Radiation Protection Director		
(d) Shift Technical Advisor		
7.2 Ability to staff the emergency organization:	B.5	
(a) Shift Supervisor; (b) Shift Technical Advisor; (c) Communicators; (d) Site Emergency Coordinator; (e) Radiological Assessment Director; (f) On site and Off-site Monitoring Teams; (g) Chemistry Team; (h) TSC-Director; (i) Reactor Core Engineers; (j) Mechanical Engineer; (k) Electrical Engineer; (l) Repair Teams; (m) Security	B.4.d.	03.02 b.2(g)

	OBJECTIVE - to demonstrate	NUREG-0654 Reference	IP 82302 Reference
8.	Release evaluation	I.2	03.02 b.2.(n)
8.1	Ability to determine the magnitude of the release of radioactive material based on plant system or effluent monitor responses.	I.3.b.;I.4	
8.2	Ability to make rapid assessments of the actual or potential magnitude and locations of any radiological hazards.	I.8	
8.3	Ability to relate various measured parameters (contamination levels; air activity levels) to dose rates for key isotopes and gross radioactivity measurements.	I.10	
8.4	Ability to estimate integrated dose rates and the comparison of these estimates with the Protective Action Guides.	I.10	
9.	Field Monitoring		
9.1	Ability to dispatch field monitoring team(s) within the plume exposure EPZ.	I.7;I.8;I.10	03.02 b.2(m)
9.2	Ability to obtain and analyze air samples.	I.7;I.8;I.9;I.10;H.2.d	03.02 b.2 (m)
10.	Assembly and accountability		
10.1	Ability to assemble drill participants at Alert level emergency or higher and account for them continuously thereafter.	J.5	03.02 b.2(q)
11.	Industrial/personnel safety.		
11.1	Ability to perform response activities considering industrial/personal safety practices.		
12.	Recovery and Re-entry	M.1	03.02.b.2.(r)
12.1	Ability to demonstrate recovery and re-entry measures.		

CONTROL ROOM

BALTIMORE GAS & ELECTRIC

PERFORMANCE EVALUATION

Evaluator Name: _____ Date: _____

Key Personnel involved: Superintendent--Nuclear Operations (ERPIP 102)
Shift Supervisor (SS; ERPIP 3.0)
Shift Technical Advisor (STA)
Operations Staff (SCRO, CRO, PO)

Ratings: A - Adequate; objective was successfully demonstrated

B - Adequate; follow-up in some aspect needed (describe specific item in remarks)

C - Inadequate; objective was not demonstrated

NO - Not observed; evaluator was not able to witness performance

NA - Not applicable; objective listed was not performed as part of the evaluated activity.

Comments (please include item number from evaluation checklist; use back of this page and additional paper if needed):

_____

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ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
1.	_____	7	Ability of drill/exercise "on-shift" crew to staff emergency positions:	
	_____	7.1(a) 7.2(a)	o Shift Supervisor - Interim SEC	
	_____	7.1(d) 7.2(b)	o Shift Technical Advisor	
	_____	7.1(c)	o Interim Communicator	
2.		1.	Ability to detect emergency:	
	_____		o Interpreting instrument displays	
	_____		o Recognizing that events are progressing abnormally.	
			List events: _____	
			_____	
			_____	
			_____	
	_____		o Determining plant status & developing appropriate strategies to bring the plant to a safe, stable condition.	
			List considerations: _____	
			_____	
			_____	
			_____	
3.	_____	1.1	Ability to determine which emergency action level(s) has (have) been reached.	
			List EALs reached: _____	
			_____	
			_____	
			_____	

* Comments required for all B&C rated items. Use separate sheet for comments.

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
4.	_____	1.2 1.3	Ability to classify emergency based on the EAL(s) met. Check classifications made: _____ Unusual Event _____ Site Emergency _____ Alert _____ General Emergency	
5.	_____ UE _____ A _____ SE _____ GE	2.1 2.2	Ability to complete an Initial Notification form for each emergency upgrade/ downgrade initiated in the Control Room (enter time of declaration). _____ Unusual Event (UE) _____ Site Emergency (SE) _____ Alert (A) _____ General Emergency (GE)	
6.	_____ UE _____ A _____ SE _____ GE	2.1 2.2	Ability to transmit the Initial Notification to the State and County agencies within 15 minutes of emergency declaration (enter time of notification from Initial Notification form for comparison to item 5 above). _____ Unusual Event (UE) _____ Site Emergency (SE) _____ Alert (A) _____ General Emergency (GE)	
7.	_____	2.3	Ability to notify Corporate Security as part of the Initial Notification transmission. Record time notified from Initial Notification form: _____	

- NOTE -

Corporate Security need only be notified once for Alert level emergency or higher.

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N

8. _____ 2. Ability to notify the Nuclear Regulatory Commission (using Emergency Notification System (ENS phone or backup) of event classification within on hour of it's declaration. Record time notified from Initial Notification form: _____

Notification should include (item numbering refers to numbers on Initial Notification form):

_____ Emergency classification (5)
_____ Nature of incident (EAL Category Only)
_____ Radioactivity release (8;9)
_____ Population affected (10)
_____ Protective action recommendations (11)

- NOTE -

"A" rating requires all of these factors to be included in notification.

9. _____ 2.2; 5.1 Ability to notify/inform on-site personnel by plant page announcement in a timely manner. Announcement should include:

____ Emergency Conditions
____ Emergency Classification
____ Notice to report to assembly area (Alert emergency & higher)
_____ Protective actions if warranted (e.g., evacuate or stay clear of an area/room/floor/building/etc.)
_____ Radioactivity release if any
__ __ Changes in these conditions

- NOTE -

"A" rating requires all of these factors to be included in announcement(s).

10. 1.; 5.1 Ability to implement actions required for any of these in a timely manner:

_____ o Personnel Injury (ref. ERPIP 3.0, page 1)
_____ o Fire (ref. ERPIP 3.0, page 3)
_____ o Radiological Event (ref. ERPIP 3.0, page 5)
_____ o Radiological Release (ref. ERPIP 3.0, page 7)
_____ o Weather (ref. ERPIP 3.0, page 12)

PLEASE OBSERVE NOTE ON FOLLOWING PAGE

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N

- NOTE -

Scenario may not facilitate/require all of these.

11. _____ 1. Ability of Shift Supervisor to coordinate and oversee Control Room response, redirecting the response as necessary. Actions should be performed in accordance with applicable procedures and instructions.
List considerations: _____
_____
_____

12. _____ 10.1 Ability to implement personnel accountability (ref. ERPIP 3.0, Attachment 2, action 6). Consider whether personnel whereabouts are tracked after initial accountability for people dispatched from the Control Room.

13. _____ 4.3 Ability to assess Control Room habitability. Is the CR/TSC Center Monitor performing monitoring activities in the Control Room?

- NOTE -

Center Monitor may be in the Control Room rather than the Simulator. Contact the TSC Evaluator to determine Monitor availability.

14. 3.1 Ability to communicate by one or more of the following:
_____ 3.1(a) o Telephones
_____ 3.1(b) o Face-to-face communication.
_____ 3.1(c) o Emergency message form (transmitted by communicator or by individual initiating message.
_____ 3.1(d) o Radios
_____ 3.1(e) o Any back-up communications (including message runner) if primary communication fails.

PLEASE OBSERVE NOTE ON FOLLOWING PAGE

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N

- NOTE -

Communications should link the Control Room with the TSC and OSC and if requested by the NRC, the NRC also.

15. If a General Emergency is declared and the Shift Supervisor is the Interim Site Emergency Coordinator then he should demonstrate the ability to determine a Protective Action Recommendation and convey it to the State/local agencies as part of the Initial (15 minute) Notification.

_____ 5.2 o Demonstrate ability to determine protective action recommendation (ref. ERPIP 3.0, Immediate Actions, Attachment 2, action 2.B.1.)

_____ 5.2 o Demonstrate ability to document protective action on Initial Notification form (ref. ERPIP 3.0, Immediate Actions, Attachment 2, action 2.B.1.).

16. _____ 7.2 Ability to transfer functional responsibilities to Technical Support Center from the Control Room.

17. Consideration of radiation protection practices:

_____ 4.2(a) o Is dosimetry being worn (Note: not applicable if Simulator is being used)?

_____ 4.2 o Are radiation protection considerations apparent during Operations staff dispatch into the plant (e.g., dose level changes due to deteriorating plant conditions; radiation permits, etc.).

List considerations: _____

_____

_____

_____

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
18.	_____	11.1	Consideration of industrial/personal safety practices . is personnel safety considered as part of response activities? . is the need for personnel safety equipment recognized by Team Leaders, Directors and Team Members? . is personnel safety equipment obtained and used throughout response activity? . are unsafe acts/conditions recognized and dealt with (consider STOP program fundamentals)?	
19.	_____	1.	Ability to maintain records of events. Are logbooks, checklists or other formal/informal logs/notes in use?	
20.	_____	2.2	Ability to notify emergency organization by activation of radio frequency pagers (ref. ERPIP 3.0, Immediate Actions, Attachment 2, action 4.)	
21.	_____		Ability of participants to critique performance. _____ Is there open discussion of performance in the center critique? _____ Do participants recognize performance short comings and things done well? _____ Are corrective actions entertained for areas that could be improved?	

TECHNICAL SUPPORT CENTER

BALTIMORE GAS & ELECTRIC

PERFORMANCE EVALUATION

Evaluator Name: _____ Date : _____

Key Personnel Involved: Plant General Manager-Calvert Cliffs Nuclear Power Plant (ERPIP 202)
TSC-Director (TSC-D; ERPIP 201)
Chemistry Director (CD; ERPIP 203)
TSC Staff (ERPIP 204; ERPIP 205; ERPIP 206; ERPIP 207; ERPIP 208; ERPIP 209; ERPIP 210)

Ratings: A - Adequate; objective was successfully demonstrated

B - Adequate; follow-up in some aspect needed (describe specific item in remarks)

C - Inadequate; objective was not demonstrated

NO - Not observed; evaluator was not able to witness performance

NA - Not applicable; objective listed was not performed as part of the evaluated activity.

Comments (please include item number from evaluation checklist; use back of this page and additional paper if needed):

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ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
1.			That Technical Support Center can be staffed and activated after declaration of Alert level emergency and higher to support emergency response. Are the following staffed:	
	_____	7.2;6.1.a.	o Plant General Manager-CORPED (acts as Interim-SEC until relieved by SEC at EOF)	
	_____	7.2(b)	o TSC-Director	
	_____	7.2(i)	o Reactor Core Engineer(s)	
	_____	7.2	o Chemistry Director	
	_____	7.2	o Operations Analyst(s)	
	_____	7.2(c)	o Communicator(s)	
2.	_____	1C.1	Implementation of personnel accountability procedures. Ref. ERPIP 201 action [illegible]; C; and 2.E.).	
			_____ Record time accountability is reported.	
			_____ After [illegible]ial accountability does TSC-D track personnel whereabouts for people dispatched from the TSC?	
			- NOTE - A personnel sign out board is available (by the TSC entrance) for tracking whereabouts.	
3.	_____	1.	Ability to recognize degrading conditions and as warranted, to provide accident mitigation solutions.	
			- NOTE - Accident mitigation solutions are dependent on scenario and Control Room response. This evaluation item can be viewed as any/all technical support activities conducted by the TSC for the Control Room.	

* Comment required for all B & C rated items. Use separate sheet for comments if needed.

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
4.	_____	7.2	Ability to transfer functional responsibilities for site and emergency response activities to Technical Support Center from Control Room. - NOTE - Plant General Manager-CCNPPU is responsible for site activities throughout emergency and for emergency response activities until relieved by the SEC at the EOF. As Interim-SEC, Plant Gen. Mgr-CCNPP may call on/will manage any corporate resources required.	
5.	_____	1.	Ability to initially assess and continuously reassess reactor conditions. This includes the use of the following procedures as warranted by the scenario (rate use of individual procedures separately and then the overall activity): _____ o ERPIP 801 Core Damage Assessment Using Containment Radiation Dose Rates _____ o ERPIP 802 Core Damage Assessment Using Core Exit Thermocouples. _____ o ERPIP 803 Core Damage Assessment Using Hydrogen _____ o ERPIP 804 Core Damage Assessment Using Radioanalysis of Samples - this procedure will be used by the Chemistry Director.	

PLEASE OBSERVE NOTE ON FOLLOWING PAGE

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N

- NOTE -

TSC-Director is to use technical staff & information available from them or from other sources to maintain an overview of the reactor and plant conditions. This overview should in turn be conveyed to the Plant General Manager-CCNPP so that he can maintain awareness himself.

6. _____ 1. Ability of Chemistry Director to recognize post-accident sampling needs; to convey these needs to the Chemistry Team Leader; to receive sampling results; and as appropriate, to redefine reactor conditions based on these results.

Considerations included: _____

_____ _____

_____ _____

7. _____ 1. 8.1 8.3 Ability of Chemistry Director (CD) to determine post accident sampling needs to identify/confirm the release composition if any and to use the sampling results to redefine or confirm the condition of the core and source term, as appropriate.

8. _____ 3.1(a) 8.3 Post Accident Sample information should be conveyed to the Radiological Assessment Director (RAD) to redefine or confirm the emergency classification and projected doses, as appropriate.

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
9.	_____	1.	That approved, current plant procedures are available and in use. Considerations: _____ _____ _____ _____	
10.	_____	3.1(b) 3.1(a) 3.1(c)	That TSC personnel communicate frequently with each other & with other centers. (especially Control Room)	
11.	_____	3.	That TSC noise level and congestion are kept to a minimum.	
12.	_____	1.1	The Plant General Manager-CCNPP should demonstrate the ability to determine which emergency action level(s) has (have) been reached (includes reclassification). As Interim-Site Emergency Coordinator the Plant General Manager-CCNPP will use this information to declare an emergency. When relieved of Interim-SEC, the Plant Gen. Mgr-CCNPP will advise the SEC of this information. List of EAL's reached: _____ _____ _____	
13.	_____	1.2	As Interim-Site Emergency Coordinator the Plant Gen. Mgr-CCNPP should demonstrate the ability to classify emergencies based on the EAL(s) met (includes reclassification). Check classifications: _____ Unusual Event (UE) _____ Site Emergency (SE) _____ Alert (A) _____ General Emergency (GE)	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
14.	_____ UE _____ A _____ SE _____ GE	2.1	As Interim-Site Emergency Coordinator, the Plant Gen. Mgr-CCNPP should demonstrate the ability to complete an Initial Notification form for each emergency upgrade/downgrade initiated in the TSC (enter time of emergency declaration from the Initial Notification form). _____ Unusual Event (UE) _____ Site Emergency (SE) _____ Alert (A) _____ General Emergency (GE)	
15.	_____ UE _____ A _____ SE _____ GE	2.1	TSC communicator should demonstrate the ability to transmit the Initial Notification to the State and County agencies within 15 minutes of emergency declarations made in the TSC (enter time of notification from the Initial Notification form for comparison to item 5 above). _____ Unusual Event (UE) _____ Site Emergency (SE) _____ Alert (A) _____ General Emergency (GE)	
16.	_____	2.	TSC communicator should demonstrate the ability to notify the Nuclear Regulatory Commission (using Emergency Notification Systems (ENS) phone or backup) of event classification within one hour of it's declaration. Record time notified from Initial Notification form: _____.	

CONTINUED ON NEXT PAGE

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N

Notification should include (item numbering refers to numbers on Initial Notification form):

_____ Emergency classification (5)
_____ Nature of Incident (AL category)
_____ Radioactivity Release (8;9)
_____ Population affected (10)
_____ Protective action recommendation (11)

- NOTE -

"A" rating requires all of these factors be included in notification. NRC notification may be done by CR or TSC Emergency Notification System (ENS) Communicator.

17. _____ 2.2; 5.1 For emergency declarations initiating in TSC, demonstrate ability to notify on-site personnel by directing Control Room to make plant page announcement(s) in a timely manner.

Announcement(s) should include:

_____ Emergency conditions
_____ Emergency classification
_____ Radioactivity release (if any)
_____ Protective actions if warranted (e.g., evacuate or stay clear of an area/room/floor/building/ etc.)
_____ Changes in these conditions

- NOTE -

"A" rating requires all of these factors be included in announcement(s).

18. _____ 5. If onsite protective actions are ordered then Plant Gen. Mgr-CCNPP should be aware of the status of these. This includes the status of personnel accountability.

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
19.	_____	4.3	Ability to assess TSC habitability. Is the CR/TSC Center Monitor performing monitoring activities in the TSC? - NOTE - Center Monitor may be in the real Control Room or Simulator. Contact the Simulator Evaluator to determine Monitor availability.	
20.		3.1	Ability to communicate by one or more of the following:	
	_____	3.1(a)	o Telephones	
	_____	3.1(b)	o Face-to face communication.	
	_____	3.1(c)	o Emergency message form (transmitted by communicator or by individual initiating message.	
	_____	3.1(d)	o Radios	
	_____	3.1(e)	o Any back-up communications (including message runner if primary communication fails.	
			- NOTE - Communications should link the Control Room with the TSC and OSC and if requested by the NRC, the NRC also.	
21.			If a General Emergency is declared and the Plant Gen. Mgr-CCNPP is the Interim-State Emergency Coordinator then he should demonstrate the ability to determine a Protective Action Recommendation and convey it to the State/local agencies as part of the Initial (15 minute) Notification.	

CONTINUED ON NEXT PAGE

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
	_____	5.2	o Demonstrate ability to determine protective action recommendation (ref. ERPIP 202, Plant General Manager).	
	_____	5.2	o Demonstrate ability to document protective action on Initial Notification form (ref. ERPIP 202, Plant General Manager).	
22.	_____	7.2	Ability to transfer functional responsibilities to Emergency Operations Facility from Technical Support Center.	
23.			Consideration of radiation protection practices:	
	_____	4.2(a)	o Is dosimetry being worn?	
	_____	4.2	o Are radiation protection considerations apparent during TSC staff dispatch to other plant locations and in staff assessment(s) of response actions?	
			List Considerations: _____	
			_____	
			_____	
24.	_____	11.1	Ability to conduct TSC functions considering standard office safety practices. If TSC personnel are involved in planning maintenance actions then consideration must be given to industrial safety.	
25.	_____	1.	Ability to maintain records of events. Are logbooks, checklists or other formal/informal logs/notes in use? Decisions should be recorded as they occur.	
26.	_____	3.	Ability to maintain status boards in a timely, accurate manner (board maintenance and use should not interfere with staff performance).	
27.	_____	3.1(b)	Ability to update center personnel by facility briefing (i.e. initial briefing and updates; routine updates can be expected at three hour intervals or less; significant change update can be expected within an hour of the occurrence).	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT Y/N
28.	_____	6.3	Ability to contact Combustion Engineering and/or Bechtel if decision is made to do so. - NOTE - Decision to contact either of these is optional for the TSC-Director. The need is based on actual response to scenario. Ensure all calls to either begin and end with: "THIS IS A DRILL."	
29.	_____	1.	Availability, operability and adequacy of equipment maintained for emergency response. Considerations included: _____ _____ _____ _____	
30.	_____		Ability of participants to critique performance. _____ Is there open discussion of performance in the center critique? _____ Do participants recognize performance short comings and things done well? _____ Are corrective actions entertained for areas that could be improved?	

OPERATIONAL SUPPORT CENTER

BALTIMORE GAS & ELECTRIC

PERFORMANCE EVALUATION

Evaluator Name: _____ Date : _____

Key Personnel Involved: OSC-Director (OSC-D; ERPIP 301)
Radiation Protection Director (RPD; ERPIP 303)
Engineering Director (and staff)
Team Leaders (ERPIP 310, Maintenance Team Leader;
ERPIP 4.1.7., Monitoring Team Leader; ERPIP 309, Dosimetry;
ERPIP 311, Chemistry Team Leader)

Ratings: A - Adequate; objective was successfully demonstrated

B - Adequate; follow-up in some aspect needed (describe specific item in remarks)

C - Inadequate; objective was not demonstrated

NO- Not observed; evaluator was not able to witness performance

NA- Not applicable; objective listed was not performed as part of the evaluated activity.

Comments (please include item number from evaluation checklist; use back of this page and additional paper if needed).

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OPERATIONAL SUPPORT CENTER

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
1.			That Operational Support Center can be staffed and activated after declaration of Alert level emergency and higher to support emergency response. Are the following staffed:	
	_____	7.	o OSC-Director	
	_____	7.2(c)	o Communicator(s)	
	_____	7.2(f)	o OHMT-Leader	
	_____	7.	o Engineering Director	
	_____	7.2(j)	o Mechanical Engineer(s)	
	_____	7.2(k)	o Electrical Engineer(s)	
	_____	7.2(l)	o Repair teams	
	_____	7.2(m)	o Security	
2.	_____	10.1	Implementation of personnel accountability procedures. Ref. ERFIP 301, action 1.B.; 1.C. and 2.B.	
			_____ Record time accountability is reported.	
			_____ After initial accountability are the whereabouts of people dispatched form the OSC tracked?	
3.		3.1	Ability to communicate by one or more of the following:	
	_____	3.1(a)	Telephones	
	_____	3.1(b)	Face-to-face communication.	
	_____	3.1(c)	Emergency message form (transmitted by communicator or by individual initiating message).	
	_____	3.1(J)	Radio (as available; this is the primary means of interface with Monitoring Teams).	

CONTINUED ON NEXT PAGE

* Comment required for all B&C rated items. Use additional paper if needed.

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
	_____	3.1(e)	Any backup communications (including message runner) if primary communication channel fails.	
4.	_____	1.	Ability to recognize degrading conditions.	
5.	_____	4.1	Ability to maintain personnel exposure ALARA during emergency response.	
6.			Consideration of radiation protection practices:	
	_____	4.2(a)	o Is dosimetry being worn.	
	_____	4.2	o Are radiation considerations apparent during OSC staff dispatch to other plant locations and in staff assessment(s) of response actions?	
			List considerations? _____	
			_____	
			_____	
			_____	
7.	_____	4.3	Ability to assess OSC habitability. Is the OSC Center Monitor performing monitoring activities in the OSC?	
8.	_____	3.1(b)	Ability to update center personnel by facility briefings (i.e., initial briefing and updates; routine updates can be expected at three hour intervals or less; significant change update can be expected within an hour of the occurrence).	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
9.	_____	3.	That status boards are used and maintained current (board maintenance and use should not interfere with staff performance).	
10.	_____	1.	Availability, operability (including calibration status if appropriate) and adequacy of equipment maintained in the Operational Support Center.	
11.	_____	1.	Is noise level in OSC kept to a minimum?	
12.	_____	1.	Ability to implement corrective action/maintenance needs specified by the Control Room. Teams should be briefed before leaving OSC, tracked and debriefed upon return to OSC. Communications with teams should be maintained. Team assignments should be timely and clear. Maintenance planning sh include Ops, Maint. and Rad Safety to extent needed to ensure ALARA compliance. List corrective action/maintenance considered: _____ _____ _____ _____	
13.	_____	1.	Ability to keep the Control Room and TSC informed of work activities, work status and work priority. Are OSC activities being documented and periodically transmitted to the CR and TSC? (ref. ERPIP 301, action 2.A.6.).	
14.	_____	11.1	Consideration of industrial/personal safety practices . is personnel safety considered as part of response activities? . is the need for personnel safety equipment recognized by Team Leaders, Directors and Team Members? . is personnel safety equipment obtained and used throughout response activity? . are unsafe acts/conditions recognized and dealt with (consider STOP program fundamentals).	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
15.	_____		Ability of participants to critique performance. _____ Is there open discussion of performance in the center critique? _____ Do participants recognize performance short comings and things done well? _____ Are corrective actions entertained for areas that could be improved?	

RADIATION PROTECTION

BALTIMORE GAS & ELECTRIC

PERFORMANCE EVALUATION

Evaluator Name: _____ Date : _____

Key Personnel Involved:

Radiation Protection Director (RPD; ERPIP 303)
On-Site Monitoring Team Leader (ONMT-L; ERPIP 4.1.7)
Emergency Work Permit (EWP) Coordinator (ERPIP 4.8.1)
Dosimetry Team Leader (ERPIP 4.1.14)
OSC Monitor(ERPIP 316)

Ratings: A - Adequate; objective was successfully demonstrated

B - Adequate; follow-up in some aspect needed (describe specific item in remarks)

C - Inadequate; objective was not demonstrated

NO - Not observed; evaluator was not able to witness performance

NA - Not applicable; objective listed was not performed as part of the evaluated activity.

Comments (please include item number from evaluation checklist; use back of this page and additional paper if needed):

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ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
1.	7.		Ability to staff the emergency organization.	
	_____	7.1(c)	o Is the onshift Radiation Safety Tech. available to assume Interim-RPD responsibilities until relieved by the RPD?	
	_____	6.1(c)	o Is the RPD position staffed?	
2.		3.1	Ability to communicate by one or more of the following:	
	_____	3.1(a)	o Telephones	
	_____	3.1(b)	o Face-to-face communication.	
	_____	3.1(c)	o Emergency message form (transmitted by communicator or by individual initiating message).	
	_____	3.1(d)	o Radio (as available; this is the primary means of interface with the OFMT.	
	_____	3.1(e)	o Any backup communications (including message runner) if primary communication channel fails.	
3.	_____	1.	Ability to recognize degrading conditions.	
4.	_____	5.1;8.2	Consideration of on-site protective actions. Does Interim-RPD/RPD recognize the need for personnel protection (e.g., evacuate a room, floor, area, building, etc.) based on radiological conditions? Are the protective action needs implemented in a timely manner and conveyed to the OSC-D and others (e.g., Plant Gen. Mgr-CCNPPD/SEC) as appropriate?	
5.	_____	4.5	Ability to establish on-site control point(s).	

* Comment required for all B & C rated items. Use additional paper if needed.

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
6.	_____	4.3;9.1	Ability to dispatch on-site monitoring team(s) at Alert level emergency or higher (or when needed considering radiological release potential). Teams should be briefed and kept up to date on radiation conditions (e.g., SWP/EWP), their mission and plant conditions. The RPD/CNMT-L interface should keep both informed of others wishes/ actions and of the status of team when. boute.	
7.	_____	4.3	Ability of monitoring teams to perform monitoring functions addressed in ERPIP 4.1.7 On-Site Monitoring team. Considerations: o Is RPD aware of monitoring activities and results to the extent necessary? o Is (are) team(s) capable of meeting RPD's monitoring needs?	
8.	_____	4.1	Ability to maintain personnel exposure ALARA during emergency response. Are ALARA principles practiced throughout monitoring activities? List considerations: _____ _____ _____ _____	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
9.	_____	4.1	Familiarity with radiological control process. For Alert level emergency and higher, are team members entering the Auxiliary Building or other Controlled area(s) aware of (and/or have they read and signed) the appropriate permit? Consider: o IEWP-1 Lifesaving Mission (low radiation/low airborne) o IEWP-2 Lifesaving Mission (high radiation/high airborne) o IEWP-3 Plant Saving Mission o RWP(s) Prepared specifically for each entry o RWP if applicable (list those used) _____ _____ _____ _____	
10.	_____	4.1	Decision making process for the consideration of Potassium Iodide for emergency responders. Consider: o Was need for KI considered? o Was need consideration discussed with others? o Were alternatives to KI (e.g., respiratory protection & exposure avoidance) considered prior to KI issue? Other (List): _____ _____ _____ _____	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
11.	_____	4.2(a,b,c,d)	Consideration of radiation protection practices such as dosimetry and if warranted use of protective clothing, respirators, personnel monitoring and deconning. Are these practices being addressed in process of team (maintenance, operations, monitoring, security, etc.), dispatch, tracking, and recall?	
12.	_____	11.1	Consideration of industrial/personal safety practices . is personnel safety considered as part of response activities? . is the need for personnel safety equipment recognized by Team Leaders, Directors and Team Members? . is personnel safety equipment obtained and used throughout response activity? . are unsafe acts/conditions recognized and dealt with (consider STOP program fundamentals).	
13.	_____	4.3	Ability to obtain area surveys (other than in emergency centers). Consider: o Are survey points/areas being identified? o Are surveys being conducted at appointed areas? o Are survey points easily located? o Are survey results reported in a timely manner?	
14.	_____	4.4	Maintenance of radiation exposure records for responders.	
15.	_____	4.3;4.2.b.	Ability to perform emergency center monitoring (reference ERPIP 316, OSC Monitor). o Center(s) observed (circle): CR/TSC, OSC, SPB, NEF o Equipment obtained o Equipment use (meter range, points surveyed) o Air sample taken o Sample sent to ONMT-L for counting	

CONTINUED ON NEXT PAGE

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
			o Sample results documented o Survey results documented o Activity and/or dose levels reported to RPD (hourly for steady readings, immediately for changes).	
16.	_____	1.	Availability, operability (including calibration status where applicable) and adequacy of equipment/material maintained for emergency response.	
17.	_____	10.1	Implementation of personnel accountability procedures. Are whereabouts of personnel dispatched into the plant being tracked and maintained current?	
18.	_____	1.	Ability to maintain records of events. Consider: o Is the RPD Emergency Response Plan logbook in use? o Is the ONNT-L Emergency Response Plan logbook in use? o Are ERPIP 4.1.7 attachments being completed for respective actions. o Other (formal or informal) decisions should be recorded as they occur.	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
19.	_____		Ability of participants to critique performance. ____ Is there open discussion of performance in the center critique? ____ Do participants recognize performance short comings and things done well? ____ Are corrective actions entertained for areas that could be improved?	

ON-SITE MONITORING TEAM (ONMT)

BALTIMORE GAS & ELECTRIC

PERFORMANCE EVALUATION

Evaluator Name: _____ Date : _____

Key Personnel Involved: On-site Monitoring Team
ONMT-Leader (ONMT-L; ERPIP 4.1.7))
Radiation Protection Director (RPD; ERPIP 303)

- NOTE -

Does not include monitoring for post accident sampling activity.

Ratings: A - Adequate; objective was successfully demonstrated

B - Adequate; follow-up in some aspect needed (describe specific item in remarks)

C - Inadequate; objective was not demonstrated

NO - Not observed; evaluator was not able to witness performance

NA - Not applicable; objective listed was not performed as part of the evaluated activity.

Comments (please include item number from evaluation checklist; use back of this page and additional paper if needed):

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ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
1.	_____	7.2(g)	Ability to staff emergency organization. Is the ONMT assembled and available when needed?	
2.			Ability to communicate by one or more of the following:	
	_____	3.1(a)	o Telephones	
	_____	3.1(b)	o Face-to-face communication	
	_____	3.1(c)	o Emergency message form (transmitted by communicator or by individual initiating message).	
	_____	3.1(d)	o Radio (as available; this is the back-up means of interface with On-site Monitoring Teams).	
	_____	3.1(e)	o Any backup communications (including message runner) if primary communication channel fails.	
3.	_____	4.3;9.1	Ability to dispatch field monitoring team(s) at Alert level emergency or higher (or when needed considering radiological release potential). Teams should be briefed and kept up to date on radiation conditions (see item 6), their mission and plant conditions. If vehicles are needed they should be available and accessible.	
4.	_____	4.5	Ability to establish radiological control point(s) at locations specified by RPD.	

* Comment required for any B&C rated item. Use additional paper if needed.

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
5.	_____	4.1	Ability to maintain personnel exposure ALARA during emergency response. Are ALARA principles practiced throughout monitoring activities? List considerations: _____ _____ _____ _____	
6.	_____	4.1	Familiarity with radiological control permit process. For Alert level emergency and higher, are Team members entering the Auxiliary Building or other Controlled Area(s) aware of (and/or have they read and signed) the appropriate permit? Consider: o IEWP-1 Lifesaving Mission (low radiation/low airborne) o IEWP-2 Lifesaving Mission (high radiation/high airborne) o IEWP-3 Plant Saving Mission o EWP(s) Prepared specifically for each entry o If an EWP is not appropriate then SWP (list those used): _____ _____ _____ _____	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
7.	_____	4.3	Ability of monitoring teams to perform monitoring functions addressed in ERPIP 4.1.7, On-site Monitoring Team, including gathering of whole body gamma and thyroid iodine field samples and ground deposition samples if appropriate for scenario conditions. Teams should exhibit proficiency in collecting, bagging and marking samples and in reading monitoring results in accordance with procedures (e.g., open & closed G.M. window readings). Monitoring results should be promptly and correctly reported to the Team Leader.	
8.	_____	1.	Ability to recognize degrading conditions. Consider: o Does Team recognize deviations from SWP/EWP dose expectations? Other (List): _____ _____ _____ _____ o Is ONMT-L/RPD advised of deviation?	
9.		4.2	Consideration of radiation protection practices.	
	_____	4.2(a)	o Is dosimetry being worn and checked in accordance with SWP/EWP?	
	_____	4.2(c)	o Is protective clothing/equipment being worn in accordance with SWP/EWP?	

CONTINUED ON FOLLOWING PAGE

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
	_____	4.2	Other (List): _____	
10.	_____	5.1	Consideration of Potassium Iodide for emergency responders including decision process and simulated issue if warranted. Consider: o Did Team recognize conditions sufficient for KI use? o Was RPL advised of conditions sufficient for KI use if the ONMT recognized them? o Was KI issued to Team? o Were alternatives to KI (e.g., respiratory protection & exposure avoidance) considered prior to KI issue? Other (List): _____	
11.	_____	11.1	Consideration of industrial/personal safety practices . is personnel safety considered as part of response activities? . is the need for personnel safety equipment recognized by Team Leaders, Directors and Team Members? . is personnel safety equipment obtained and used throughout response activity? . are unsafe acts/conditions recognized and dealt with (consider STOP program fundamentals).	
12.	_____	4.4	Maintenance of radiation exposure records for responders.	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
13.	_____	10.1	Implementation of personnel accountability procedures. Is the ONMT-Leader aware of the ONMT whereabouts at all times?	
14.	_____	1.	Availability, operability (including calibration status) and adequacy of equipment maintained for emergency response. Considerations included: _____ _____ _____ _____	
15.	_____		Ability to maintain records of events. Consider: o Is the ONMT-Leader Emergency Response Plan logbook in use? o Are ERPIP 4.1.7 Attachments (forms) being completed for respective actions? o Other (formal or informal) o Decisions should be recorded as they occur.	
16.	_____		Ability of participants to critique performance. o Is there open discussion of performance in the center critique? o Do participants recognize performance short comings and things done well? o Are corrective actions entertained for areas that could be improved?	

POST ACCIDENT ANALYSIS

BALTIMORE GAS & ELECTRIC

PERFORMANCE EVALUATION

Evaluator Name: _____ Date : _____

Key Personnel Involved: Chemistry Team Leader (ERPIP 311)
Chemistry Team
Radiation Safety Technician(s) (ERPIP 4.1.7, Attachment 6)

Ratings: A - Adequate; objective was successfully demonstrated

B - Adequate; follow-up in some aspect needed (describe specific item in remarks)

C - Inadequate; objective was not demonstrated

NO - Not observed; evaluator was not able to witness performance

NA - Not applicable; objective listed was not performed as part of the evaluated activity.

Comments (please include item number from evaluation checklist; use back of this page and additional paper if needed):

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ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
1.	7.2(q)		Ability to staff emergency organization. Is the Chemistry Team assembled and available when needed?	
2.			Ability to communicate by one or more of the following:	
	_____	3.1(a)	o Telephones	
	_____	3.1(b)	o Face-to-face communication.	
	_____	3.1(c)	o Emergency message form (transmitted by communicator or by individual initiating message).	
	_____	3.1(d)	o Radio. (This would be a back-up method of interface with the Chemistry Team.)	
	_____	3.1(e)	o Any backup communications (including message runner) if primary communication channel fails.	
3.	_____	4.1	Ability to maintain personnel exposure ALARA during emergency response. Are ALARA principles practiced throughout the sample activity?	

List considerations: _____

_____

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_____

* Comment required for all B&C rated items. Use additional paper if needed.

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
4.	_____	4.1	That people entering Controlled Areas are aware of EWP process. What EWP is the Chemistry Team entering Controlled Area under? Have Team members read/signed the EWP? List considerations: _____ _____ _____ _____	
5.	_____	1.	Ability to obtain a post accident sample in accordance with respective ERPIPs (rate use of individual procedures separately and then the overall activity): _____ ERPIP 311, Chemistry _____ ERPIP 840, RCS/LPSI Tasks _____ ERPIP 841, Containment Atmosphere Task Instructions/ Precautions _____ ERPIP 842, Wide Range Noble Gas Monitor Instructions/ Precautions _____ ERPIP 843, Mobile Chemistry Lab Tasks/Instrs/Precautions - NOTE - Samples should be analyzed for: noble gases, iodine, cesium, nonvolatile isotopes, hydrogen, chlorides and boron as warranted by the scenario. Sample results should be promptly and correctly reported to the Team Leader and in turn the Chemistry Director.	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
6.	_____	1.	Ability to recognize degrading conditions. Consider: _____ Does Team recognize problems as they develop during sampling or analysis? _____ Does Team retreat to low radiation area to plan around degraded condition? Other (List): _____ _____ _____ _____ _____ Is Team Leader/Chemistry Director advised of degraded conditions.	
7.	_____	4.3	Ability of monitoring personnel to perform monitoring functions addressed in ERPIP 4.1.7 On-site Monitoring Team (see Attachment 5, Post Accident Sampling Monitoring).	
8.		4.2	Consideration of radiation protection practices.	
	_____	4.2(a)	o Is dosimetry being worn and checked in accordance with EWP?	
	_____	4.2(c)	o Is protective clothing/equipment being worn in accordance with EWP?	

CONTINUED ON NEXT PAGE

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
	_____	4.2	Other (List): _____	
9.	_____	11.1	Consideration of industrial/personal safety practices . is personnel safety considered as part of response activities? . is the need for personnel safety equipment recognized by Team Leaders, Directors and Team Members? . is personnel safety equipment obtained and used throughout response activity? . are unsafe acts/conditions recognized and dealt with (consider STOP program fundamentals).	
10.	_____	4.4	Maintenance of radiation exposure records for responders.	
11.	_____	10.1	Implementation of personnel accountability procedures. Is the Team Leader aware of Team whereabouts at all times?	
12.	_____		Availability, operability (including calibration status) and adequacy of equipment maintained for emergency response. Considerations included: _____	

CONTINUED ON NEXT PAGE

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
13.	_____	1.	Ability to maintain records of events. Consider: o Is the Chemistry Team Leader Emergency Response Plan logbook in use? o Are ERPIP checklist(s)/forms being completed? o Is the Team Leader initialing (acknowledging) emergency message forms? o Other (formal or informal)	
14.	_____		Ability of participants to critique performance. _____ Is there open discussion of performance in the center critique? _____ Do participants recognize performance short comings and things done well? _____ Are corrective actions entertained for areas that could be improved?	

FACILITY

Evaluator Name

Key Personnel Involved

Ratings: A -

B -

C -

Comments (please include ... if needed):

	_____	7.2(d)	o Site Emergency Coordinator
	_____	7.2.(e)	o Communicator(s)
2.	_____	1.	Ability of recognize degrading conditions.
3.	_____	7.2	Ability to transfer functional responsibilities to Emergency Operations Facility from the Control Room/TSC.
4.	_____	1.1	Ability to determine which emergency action level(s) has (have) been reached (includes reclassification).

List of EALs reached: _____

_____

_____

_____ _____

* Comment required for all B&C rated items. Use separate sheet for comments if needed.

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
5.	_____	1.2	Ability to classify incidents, based on action level(s) met (includes reclassification). Check classification(s): _____ Unusual Event (UE) _____ Site Emergency (SE) _____ Alert (A) _____ General Emergency (GE)	
6.	_____ UE _____ A _____ SE _____ GE	2.1	Ability to complete an Initial Notification Form for each emergency upgrade/ downgrade initiated in the EOF (enter time of declaration from Initial Notification form). _____ Unusual Event (UE) _____ Site Emergency (SE) _____ Alert (A) _____ General Emergency (GE)	
7.	_____ UE _____ A _____ SE _____ GE	2.1	EOF communicator should demonstrate the ability to transmit the Initial Notification to the State and County agencies within 15 minutes of emergency declaration (enter time of notification from Initial Notification form for comparison to item 5 above). _____ Unusual Event (UE) _____ Site Emergency (SE) _____ Alert (A) _____ General Emergency (GE)	
8.	_____	2.	EOF communicator should demonstrate the ability to notify Nuclear Regulatory Commission (using Emergency Notification System (ENS) phone or backup) of event classification within one hour of it's declaration. Record time notified from Initial Notification form: _____ Notification should include (item numbering refers to numbers on Initial Notification form): ____ Emergency classification (5) ____ Population affected (10) ____ Nature of Incident (EAL category only) ____ Protective action ____ Radioactivity release (8;9) recommendation (11) - NOTE - "A" rating requires all of these factors be included in notification. NRC notification may be done by CR or TSC ENS communicator.	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
9.	_____	2.2; 5.1	For emergency declarations initiating in EOF, demonstrate ability to notify/inform on-site personnel by directing TSC to have the Control Room make plant page announcement(s) in a timely manner. Announcement should include: ____ Emergency classification ____ Emergency condition ____ Radioactivity release (if any) ____ Protective actions if warranted (e.g., evacuate or stay clear of an area/room/floor/building/ etc.) ____ Changes in these conditions - NOTE - "A" rating requires all of these factors to be included in announcement(s).	
10.	_____	5.	If onsite protective actions are ordered then Rec. Officer/SEC should be aware of the status of these. This includes the status of personnel accountability.	
11.			If a General Emergency is declared then the Site Emergency Coordinator should demonstrate the ability to determine a Protective Action Recommendation and convey it to the State/local agencies as part of the Initial (15 minute) notification.	
	_____	5.2	o Demonstrate ability to determine protective action recommendation (ref. ERPIP 501, Site Emergency Coordinator).	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
	_____	5.2	o Demonstrate ability to document protective action on Initial Notification form (ref. ERPIP 501, Site Emergency Coordinator).	
12.	_____	11.1	Industrial/office safety considerations. Are office safety practices being exercised in the EOF? Are industrial safety practices being considered by EOF personnel during response action planning with plant personnel?	
13.	_____	3.1(b)	Ability to update center personnel by facility briefings (i.e. initial briefing and updates; routine updates can be expected at three hours intervals or less; significant change update can be expected within an hour of the occurrence).	
14.		3.1	Ability of personnel to communicate by one or more of the following:	
	_____	3.1(a)	o Telephones	
	_____	3.1(b)	o Face-to-face communication.	
	_____	3.1(c)	o Emergency message form (transmitted by communicator or by individual initiating message).	
	_____	3.1(d)	o Radio (back-up communication method for off-site agencies).	
	_____	3.1(e)	o Any backup communications (including message runner if primary communication channel fails).	
15.	_____	3.	Ability to maintain status boards in a timely, accurate manner, (board maintenance and use should not interfere with staff performance).	
16.	_____	1.	Availability, operability, and adequacy of equipment maintained in the Emergency Operations Facility.	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
17.	_____	1.	Ability to maintain records of events. Are logbooks, checklists or other formal/informal logs/notes in use? Decisions should be recorded as they occur.	
18.	_____	1.	Ability to maintain personnel access control at the Emergency Operations Facility. If overcrowding exists does EOF-Director take action to reduce number of people?	
19.	_____	14.1	Ability to implement recovery and re-entry procedures.	
			_____ Have existing plant conditions and actions been reviewed?	
			_____ Has a course of recovery actions been reviewed?	
			_____ Short term (5-7 days)	
			_____ Long term.	
			_____ Have interfaces with Federal/State/Local agencies been considered?	
			_____ Have the criteria for entry into the recovery phase been reviewed?	
20.	_____		Ability of particlpants to critique performance. Considerations:	
			_____ Is there open discussion of performance in the center critique?	
			_____ Do participants recognize performance short comings and things done well?	
			_____ Are corrective actions entertained for areas that could be improved?	

DOSE ASSESSMENT
(CR, TSC-ANNEX, EOF)

BALTIMORE GAS & ELECTRIC

PERFORMANCE EVALUATION

Evaluator Name: _____ Date : _____

Key Personnel Involved: Interim Radiological Assessment (ERPIP 107)
Radiological Assessment Director (RAD; ERPIP 511)
Radiological Assessment Specialists (RAS; ERPIP 512)

Ratings: A - Adequate; objective was successfully demonstrated

B - Adequate; follow-up in some aspect needed (describe specific item in remarks)

C - Inadequate; objective was not demonstrated

NO - Not observed; evaluator was not able to witness performance

NA - Not applicable; objective listed was not performed as part of the evaluated activity.

Comments (please include item number from evaluation checklist; use back of this page and additional paper if needed):

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DOSE ASSESSMENT
(CR, TSC-ANNEX, EOF)

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
1.	_____	7.1.b.	Ability of on-shift crew to staff emergency positions. Is the shift Chemistry Tech. available to perform Interim Radiological Assessment?	
2.	_____	7.2.e;6.1.b.	Ability to staff emergency organization. Is the Radiological Assessment Director staffed?	
3.	_____	1.	Ability to recognize degrading conditions.	
4.	_____	8.1;8.2; 8.3;8.4	Ability to provide interim radiological assessment in Control Room using dose assessment computer and/or hand calculations. . WRNGM, MSSRM, or CHRRM on 1C24 is observed to determine if accidental release is occuring or could occur. . Assessment is provided to Shift Supervisor within 15 minutes of Alert if accidental radioactivity is being released. . Main vent sample, RCS, or containment air sample is initiated if accidental release is occurring. . Accidental release monitoring is initiated promptly to confirm release composition (i.e., iodine fraction) and to better define the source term and confirm projected doses.	
5.	_____	9.1	Ability to dispatch field monitoring team(s) at Alert level emergency or higher (or when needed considering radiological release potential). Depending on the scenario needs, teams should be asked to take radiation level measurements, radioiodine or gross beta levels in the air.	
6.	_____	9.2	If vegetation, water and/or milk samples are requested by Environmental Assessment Director then assign monitoring personnel for radiation protection of Environmental Assessment Teams.	
7.	_____	5.2;8.4	Ability to make timely protective action recommendations based on plant conditions and projected dose.	
8.	_____	8.3	Ability to project gamma and thyroid dose to population using dose assessment computer as primary calculation tool.	

* Comment required for all B&C rated items. Use separate sheet for comments if needed.

DOSE ASSMENT
(CR, TSC-ANNEX, EOF)

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
9.	_____	8.1;8.2	Ability to track the plume and integrate dose using dose assessment computer as primary calculation tool.	
10.	_____	8.1;8.2	Ability to predict dose based on meteorological forecast and predicted plant conditions using computer and hand calculation methods.	
11.	_____	5.2;8.4	Ability to develop recommended protective actions in accordance with Environmental Protection Agency Protective Action Guides and to present the protective action recommendation and its basis to the Site Emergency Coordinator/Recovery Officer in a concise manner using Attachment 2 to ERPIP 511 Radiological Assessment Director.	
12.	_____	1.1	Ability to determine which emergency action level(s) has(have) been reached.	
13.	_____	1.2	Ability to classify incidents, based on action levels met, in accordance with the classification scheme (Unusual Event, Alert, Site Emergency, General Emergency).	
14.	_____	7.2	That Emergency Operations Facility Dose Assessment can be staffed and activated after declaration of Alert level emergency and higher to support emergency response.	
15.	_____	7.2	Ability to transfer functional responsibilities to Technical Support Center -Annex from the Control Room or to the Emergency Operations Facility from the Control Room or TSC-Annex.	
16.		3.1	Ability of staff to communicate by one or more of the following:	
	_____	3.1(a)	o Telephones	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
	_____	3.1(b)	o Face-to-face communication.	
	_____	3.1(c)	o Emergency message form (transmitted by communicator or by individual initiating message).	
	_____	3.1(d)	o Radio (as available; this is the primary means of interface with Monitoring Teams).	
	_____	3.1(e)	o Any backup communications (including message runner) if primary communication channel fails.	
17.	_____	5.2	Ability to make timely protective action recommendations based on ground deposition sampling.	
18.	_____	4.1	Ability to maintain personnel exposure ALARA during emergency response.	
19.	_____	5.1	Consideration of Potassium Iodide for emergency responders including decision process and simulated issue if warranted. Consider: o Were alternatives to KI issue considered (e.g., respiratory equipment and/or dose avoidance)? o Was KI issued in a timely manner?	
20.	_____	4.2	Consideration of radiation protection practices. List considerations: _____ _____ _____ _____	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
21.	_____	9.1	Ability to obtain area surveys.	
22.	_____	8.1	Ability to use information on actual release rate in uCi/S or total curies being released to redefine projected doses as appropriate.	
23.	_____	11.1	Ability to incorporate industrial safety consideration in response actions. - is industrial safety being considered in plant or field activities? - is office safety being considered in emergency centers?	
24.	_____	1.	Availability, operability (including calibration status when applicable) and adequacy of equipment maintained in the Control Room, Technical Support Center Annex, and Emergency Operations Facility. Considerations included: _____ _____ _____ _____	
25.	_____	3.	Ability to maintain status boards in a timely, accurate manner (board maintenance and use should not interfere with staff performance).	
26.	_____	1.	Ability to maintain records of events. Are logbooks, checklists or other formal/informal logs/notes in use? Decisions should be recorded as they occur.	
27.	_____		Ability of participants to critique performance. _____ Is there open discussion performance in the center critique: _____ Do participants recognize performance short comings and things done well? _____ Are corrective actions entertained for areas that could be improved?	

OFF-SITE MONITORING TEAM (OFMT)

BALTIMORE GAS & ELECTRIC

PERFORMANCE EVALUATION

Evaluator Name: _____ Date : _____

Key Personnel Involved: Off-site Monitoring Team
OFMT-Leader (OFMT-L; ERPIP 4.1.6)
Radiological Assessment Director (RAD; ERPIP 511)

Ratings: A - Adequate; objective was successfully demonstrated

B - Adequate; follow-up in some aspect needed (describe specific item in remarks)

C - Inadequate; objective was not demonstrated

NO- Not observed; evaluator was not able to witness performance

NA- Not applicable; objective listed was not performed as part of the evaluated activity.

Comments (please include item number from evaluation checklist; use back of this page and additional paper if needed):

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OFF-SITE MONITORING TEAMS (OFMT)

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
1.	_____	7.2(q)	Ability to staff emergency organization. Is the OFMT assembled and available when needed?	
2.			Ability to communicate by one or more of the following:	
	_____	3.1(a)	o Telephones	
	_____	3.1(b)	o Face-to-face communication.	
	_____	3.1(c)	o Emergency message form (transmitted by communicator or by individual initiating message).	
	_____	3.1(d)	o Radio (this is the primary means of interface with the OFMT).	
	_____	3.1(e)	o Any backup communications (including message runner) if primary communication channel fails.	
3.	_____	4.3 9.1	Ability to dispatch field monitoring team(s) at Alert level emergency or higher (or when needed considering radiological release potential). Teams should be briefed and kept up to date on radiological conditions (see item 5) their mission and plant conditions. Vehicles should be available and accessible. Monitoring/sample location should be located quickly by team.	
4.	_____	4.1	Ability to maintain personnel exposure ALARA during emergency response. Are ALARA principles practiced throughout monitoring activities?	

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* Comment required for all B & C rated items. Use additional paper if needed.

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
			List considerations: _____	
5.	_____	4.1	Familiarity with the radiological control permit process. For Alert level emergency and higher, is the team aware of whether or not an SWP or EWP is required? If required, has the team read and signed the SWP/EWP? List permits: _____	
6.	_____	4.3	Ability of monitoring teams to perform monitoring functions addressed in ERPIP 4.1.6, Off-site Monitoring Team, including gathering of whole body gamma and thyroid iodine field samples and ground deposition samples if appropriate for scenario conditions. Teams should exhibit proficiency in collecting, bagging and marking samples and in reading monitoring results in accordance with procedures (e.g., open and closed G.M. window readings). Monitoring results should be promptly and correctly reported to the Team Leader.	
7.	_____	9.2	Ability of Monitoring Teams to accompany the Environmental Monitoring Teams and provide radiation protection. This will apply only if scenario conditions require sampling or sampling is requested by the Environmental Assessment Director.	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
8.	_____	1.	Ability to recognize degrading conditions. Consider: o Does Team recognize deviations form SWP/EWP dose expectations? o Is OFMT-L/RAD advised of deviation?	
9.		4.2	Consideration of radiation protection practices.	
	_____	4.2(a)	Is dosimetry bein worn and checked in accordance with SWP/EWP?	
	_____	4.2(c)	Is protective clothing/equipment being worn in accordance with SWP/EWP?	
	_____	4.2	Other (List): _____ _____ _____ _____	
10.	_____	5.1	Consideration of Potassium Iodide for emergency responders including decision process and simulated issue if warranted. Consider: o Did Team recognize conditions sufficient for KI use? o Was RAD advised of conditions sufficient for KI use if the OFMT recognize them? o Was KI issued to Team? o Were alternatives to KI (e.g., respiratory protection and exposure avoidance considered prior to KI issue?	

CONTINUED ON NEXT PAGE

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N

Other (List): _____

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11. _____ 11.1 Ability to perform actions in a safe manner. Are personal safety practices given consideration throughout event? Considerations:

- Is (are) vehicle(s) checked before use?
- Is vehicle parked on roadways so as not to obstruct traffic?
- Are vehicle flashers used when parking on roadways?
- Do personnel wear red or orange vests when near a roadway?

12. _____ 4.4 Maintenance of radiation exposure records for responders.

13. _____ 1. Availability, operability (including calibration status) and adequacy of equipment maintained for emergency response.

Considerations included: _____

_____

_____ _____

_____

14. _____ 1. Ability to maintain records of events. Consider:

- o Is the OPMT-L Emergency Response Plan logbook in use?
- o Are ERPIP 4.1.6 Attachments (forms) being used to support actions?
- o Other (formal or informal).

Decisions should be recorded as they occur.

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
15.	_____		Ability of participants to critique performance.	

_____ Is there open discussion of performance in the center critique?

_____ Do participants recognize performance short comings and things done well?

_____ Are corrective actions entertained for areas that could be improved?

MEDIA CENTER

BALTIMORE GAS & ELECTRIC

PERFORMANCE EVALUATION

Evaluator Name: _____ Date : _____

Key Personnel Involved: Corporate Spokesperson
Public Information Support Manager
Technical Advisor
Media Center Staff (Administrator;
Communicator, Public Information Rep.)

Ratings: A - Adequate; objective was successfully demonstrated

B - Adequate; follow-up in some aspect needed (describe specific item in remarks)

C - Inadequate; objective was not demonstrated

NO - Not observed; evaluator was not able to witness performance

NA - Not applicable; objective listed was not performed as part of the evaluated activity.

Comments (please include item number from evaluation checklist; use back of this page and additional paper if needed):

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ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N

- NOTE -

Public Information Support Manager may not choose to activate the Media Center at Alert.

1. 2.3 That Media Center can be staffed and activated after declaration of Alert level emergency and higher to support emergency response.

Are the following staffed:

_____	6.2(d)	o Public Information Support Manager
_____	7.2(c)	o Communicator(s)
_____	2.3	o Corporate Spokesperson
_____	2.3	o Technical Advisor
_____	2.3	o Public Information Rep.
_____	2.3	o Administrative Coordinator
_____	2.3	o Others (list): _____

_____

_____

_____

2. 3.1 Ability of key personnel to communicate by:

_____ 3.1(a) o Use of telephones between centers

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* Comment required for all B&C rated items. Use separate sheet for comments if needed.

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
	_____	3.1(b)	o Face-to-face communication.	
			NOTE The emergency message form is typically not used in the Media Center.	
	_____	3.1(c)	o Emergency message form (transmitted by communicator or by individual initiating message).	
	_____	3.1(d)	o Radio (this would be used as back-up to telephones).	
	_____	3.1(e)	o Any backup communications (including message runner) if primary communication channel fails.	
3.	_____	1.	Ability to recognize degrading conditions.	
4.	_____	3.	Ability to brief news media representatives on plant conditions and radiological conditions in an accurate and timely manner. Information should be prepared at a technical level that the public can understand. Considerations: _____ How many news briefings were given? _____ Are routine briefings held at regular intervals? _____ How long between briefings on average? _____ Are special briefings held for significant events or changes in status?	

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ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N

- NOTE -
Coordination with non-BG&E agenies may be simulated if these agencies are not participating in the drill/exercise.

_____ Are briefings coordinated with Federal/State/Local personnel?

_____ Is corrected or supplemental information released in the event of error or misinformation in news stories?

5. _____ 3. Ability to develop and dissemirate news releases in an accurate and timely manner. Informat.on should be prepared at a technical level that the public can understand.

Considerations:

_____ Are news releases made available to the Main Hall?

- NOTE -
Coordination with non-BG&E agenies may be simulated if these agencies are not participating in the drill/exercise.

_____ Are news releases coordinated with Federal/State/Local personnel prior to send out?

_____ Do news releases and news briefings agree?

_____ How many news releases were made?

_____ Are news releases occurring at regular intervals?

_____ What is the average time between news releases?

_____ Are special news releases made for significant

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N

events or changes in status?

_____ Is corrected or supplemental information released in the event of error or misinformation in news stories?

5. _____ 3.1(b) Ability to update center personnel by facility briefings.

7. _____ 3. That status boards are used and maintained current.

8. _____ 1. Availability, operability, and adequacy of emergency equipment maintained in the Media Center. Do responders use back up equipment if primary systems don't work? Are repairs sought for faulty equipment?

List considerations: _____

_____

_____

_____

9. _____ 1. Ability to maintain personnel access control at the Media Center.

Considerations:

_____ Is the Administrative Coordinator aware of Security staffing at Media Center?

_____ Are news personnel prohibited from interfering with media staff?

10. _____ 1. Ability to maintain records of events. Considerations:

_____ Is the PI Support Manager Emergency Response Plan logbook in use?

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
			_____ Are key personnel initialing (acknowledging) emergency message forms when used?	
			_____ Other (formal or informal)	
11.	_____	11.1	Ability to perform actions in a safe manner. Are office safety practices given consideration throughout the event?	
12.	_____		Ability of participants to critique performance. Considerations:	
			_____ Is there open discussion of performance in the center critique? Do participants recognize performance short comings and things done well?	
			_____ Are corrective actions entertained for areas that could be improved?	

SECURITY
(SAS, SPB, OSC, EOF, MC)

BALTIMORE GAS & ELECTRIC

PERFORMANCE EVALUATION

Evaluator Name: _____ Date : _____

Key Personnel Involved:
security Coordinator
Off-site Coordinator
On-site Coordinator
Security Team Leader (ERPIP 750)
Security Team

Ratings: A - Adequate; objective was successfully demonstrated

B - Adequate; follow-up in some aspect needed (describe specific item in remarks)

C - Inadequate; objective was not demonstrated

NO - Not observed; evaluator was not able to witness performance

NA - Not applicable; objective listed was not performed as part of the evaluated activity.

Comments (please include item number from evaluation checklist, on back of this page and additional paper if needed):

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SECURITY
(SAS, SPB, OSC, EOF, MC)

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
1.	_____	1.	Ability to recognize emergency action level reached.	
2.	_____	1.	Ability to classify Security incidents based on action levels met in accordance with the Safeguards Contingency Plan.	
3.	_____	2.2	Ability to notify on-site personnel by implementation of ERPIP 750 - Security.	
4.		3.	Ability to Communicate by:	
	_____	3.1(a)	o Telephones	
	_____	3.1(b)	o Face-to-fact communication	
	_____	3.1(c)	o Emergency message forms	
	_____	3.1(d)	o Radio	
	_____	3.1(e)	o Any back-up communications (includes message runner)	
5.		1.	Ability to maintain records of events through the use of logbooks, recorders, message forms, by completing ERPIP checklists and/or forms, and/or other methods.	
6.	_____	1.	Ability to maintain site security operations throughout emergency.	
	_____		o Is access control set-up and maintained at the site boundary?	
	_____		o Is access control maintained at the protected area?	
	_____		o Is access control maintained at the EOF?	
			Security practices or procedures should not impede movement of site personnel to emergency areas. Practices or procedures to allow easy access during emergencies must be compatible with the Site Security and Contingency Plans.	

* Comment required for all NSC rated items. Use additional paper if needed.

[illegible]ITY
(SAS, SPK, OSC, EOF, MC)

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT Y/N
J.	_____	4.1	Ability to maintain personnel exposure ALARA during emergency response Are ALARA principles practiced throughout response? List considerations: _____ _____ _____ _____	
R.	_____	4.2	Consideration of radiation protection practices.	
	_____	4.2(a)	o Is dosimetry being worn and checked in accordance with SWP/EWP?	
	_____	4.2(c)	o Is protective clothing/equipment being worn in accordance with SWP/EWP?	
	_____	4.2	o Other (List): _____ _____ _____ _____	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
9.	_____	10.	Ability to implement personnel accountability procedures. . Obtain accountability report from all Emergency Response Facilities. (During drills and exercises all persons not participating are reported missing). . Obtain computer print out of personnel in protected area. . Cross check a small number of personnel reported missing against computer printout. (During drills and exercises there is no site assembly, therefore there will be an artifically high number of missing personnel). . Initiate a search for two missing people (select at random). Once found, terminate search. The missing people are not drill participants. Do not inconvenience them beyond a phone call or visual sighting. . Promptly report accountability status to Plant General Manager (TSC), Site Emergency Coordinator (EOF). . Conduct continuous accountability for duration of event.	
10.	_____	1.	Availability, operability (including calibration status if applicable and adequacy of equipment/material maintained in the South Processing Building and Emergency Operations Facility.	
11.	_____	11.1	Consideration of industrial/personal safety practices . is personnel safety considered as part of response activities? . is the need for personnel safety equipment recognized by Team Leaders, Directors and Team Members? . is personnel safety equipment obtained and used throughout response activity? . are unsafe acts/conditions recognized and dealt with (consider STOP program fundamentals).	
12.	_____	4.3	Ability to assess SPB habitability. Is the SPB Center Monitor performing monitoring activities in the SPB?	
13.	_____	3.	Ability to maintain and update status board.	

ITEM #	RATING	RELATED OBJECTIVE	EVALUATION	COMMENT* Y/N
14.	_____	1.	Ability to maintain personnel access controls at:	
	_____		o Emergency Operation Facility	
	_____		o Media Center	
15.	_____		Ability of participants to critique performance.	
			_____ Is there open discussion of performance in the center critique?	
			_____ Do participants recognize performance short comings and things done well?	
			_____ Are corrective actions entertained for areas that could be improved?	

CASUALTY CONTROL-3
August 18, 1992

General Description of the scenario

The scenario begins with Unit 1 in Mode 5 and Unit 2 at 100 % power. Unit 1 is in the shutdown cooling mode of operation with the operators preparing to draw a bubble in the pressurizer. Various components are out of service for maintenance on both units. In direct support of the scenario, the discharge valve for 12 Containment Spray pump is broken shut, 11 and 12 High Pressure Safety Injection pumps are out of service and the valve 0-SFP-154 is broken shut.

At scenario time 00:05 a seismic event occurs which causes the Seismic Acceleration Recorder 0-YR-001(Control Room) Yellow EVENT ALARM to be illuminated and the EVENT INDICATOR is white. After assessment IAW OI-46, an ALERT should be declared at approximately 00:15. Operations staff should perform the actions of the OI and commence a controlled shutdown of Unit 2.

At scenario time 01:15 an aftershock occurs which is more severe than the first event. Further assessment IAW OI-46 leads to a Site Emergency Declaration at approximately 01:30. Operations should take actions to place both units in Mode 5.

At scenario time 02:15 a leak will develop at the suction side of the operating Low Pressure Safety Injection pump (LPSI). This will be indicated by a rapid loss of pressurizer level, area and ventilation radiation monitor alarms. 12 LPSI pump will trip after a short period of cavitation and the breaker will not reset. Operators will implement Abnormal Operating Procedure (AOP) 2A High RCS Leak Rate or 3B Loss of Shutdown Cooling. An operator will be sent to investigate the loss of 12 LPSI pump. They will report a large leak at the suction side of 12 LPSI.

An electrical fault will cause a loss of 11 4 Kv Bus at 02:30. Many control room indications and most radiological monitoring instrumentation as well as the remaining Containment Spray pump will be lost. All means of aligning alternate components or other means of decay heat removal are inoperable. The Reactor Coolant System (RCS) will begin to heat up quickly and force action to be taken to restore decay heat removal.

Three success paths will exist for Emergency Response personnel; repair the leak at the suction side of 12 LPSI and the breaker for the pump and restart the pump, repair the broken shut valve 0-SFP-154 and cross connect shutdown cooling with the Spent Fuel Pool Cooling and Purification system (SFPCPS) or repair the bus and align 11 Containment Spray pump as a LPSI or start 11 LPSI pump and return to the shutdown cooling mode of operation. Access to repair the leak at 12 LPSI will be complicated by a higher than normal radiation field due to the spilled RCS. The discharge check valve will be simulated as continuing the leak after isolation from the RCS. This will complicate the repair.

There will be minor radioactivity release due to evaporation of the spilled RCS as well as the initial release of fission gases from the coolant in the room. Real time meteorology will be used as accessed from the DRDT terminal and Raddose IV. The drill will be conducted from the site Simulator in the Office Training Facility.

(TIME)	CLASS		
00:00 (08:00)	NONE	Present Initial Conditions to the players. Unit 1 Mode 5, RCS is 145 degrees. The RCS is full in preparation for drawing a pressurizer bubble. Unit 2 Mode 1, 100 % power.	1
00:05 (08:05)	NONE	A Seismic Event occurs which causes the SEISMIC ACCELERATION RECORDER 0-YR-001(Control Room) Yellow Event Alarm to be illuminated and the Event Indicator is white. **Expected Actions:** Operations staff will announce earthquake message and then implement OI-46, Seismic Measurement Equipment.	2
00:15 (08:15)	NONE	Operators recognize that peak horizontal\vertical acceleration exceed the Alert criteria under the the Weather category. **Expected Actions:** Operations staff will declare an Alert at approximately 00:15. Begin controlled shutdown of Unit 2 Reactor.	3
00:30 (08:30)		If an ALERT condition has not been declared then issue contingency message to declare an ALERT on WEATHER	C1 C2
00:45 (08:45)	ALERT	Staff Emergency Response Centers.	
01:15 (09:15)	ALERT	A strong aftershock occurs which is more severe than the first earthquake. **Expected Actions:** Operations staff will announce earthquake message and then implement OI-46, Seismic Measurement Equipment.	4

SCENARIO TIME (CLOCK)	EMERGENCY CLASS	EVENT DESCRIPTION	MESSAGE NUMBER
01:30 (09:30)	ALERT	Operators recognize that peak horizontal\vertical acceleration exceed the Site Emergency criteria under the Weather category. **Expected Actions:** Operations staff will declare a Site Emergency at approximately 01:30. Continue shutdown of Unit 2 Reactor, proceed to Mode 5 IAW OI-46.	5
02:15 (10:15)	SITE EMERGENCY	Pressurizer low level alarms and decreasing level indications will indicate a loss of coolant.	6
		12 Low Pressure Safety Injection pump (LPSI) is leaking at the suction spool piece.	
		12 LPSI will trip after a short period of cavitation.	7
		Radiation Monitor for 12 Emergency Core Cooling system (ECCS) room and ECCS Pump Room Vent Monitor are increasing	8
		Expected action: Implement AOP-3B Loss of Shutdown Cooling, or AOP-2A Excessive RCS Leakage. Send an operator to investigate the condition of the breaker for 12 LPSI pump. An additional operator will be sent to investigate 12 LPSI pump condition.	
02:30 (10:30)	SITE EMERGENCY	A bus fault causes the loss of 11 4KV Bus, some RMS indications will lose power.	9
		Operator at 12 LPSI pump breaker reports that the breaker is tripped, will not reset and flags are showing on relays.	10
		Expected Action: The Operators will work through AOP-3B or 2-A	

SCENARIO TIME (CLOCK)	EMERGENCY CLASS	EVENT DESCRIPTION	MESSAGE NUMBER
03:00 (11:00)	SITE EMERGENCY	Initial access surveys of the pump room. **Expected Actions:**	
		Electrical Team will respond to the bus fault on on 11 4KV bus.	11
		Electrical Team will respond to the breaker for 12 LPSI.	12
		Mechanical Team will respond to the leak at 12 LPSI.	13 14
		Operation Support Center may direct that tags be removed to return 12 Charging Pump to service.	
		Operations will begin investigation of alternate RCS makeup lineups.	
03:15 (11:15)	SITE EMERGENCY	Plant parameters and RMS data. Operations works to provide an alternate fill path. Mechanical and Electrical Repair Teams continue to work on the bus fault and the leak at 12 LPSI pump.	

SCENARIO TIME (CLOCK)	EMERGENCY CLASS	EVENT DESCRIPTION	MESSAGE NUMBER
03:30 (11:30)	SITE EMERGENCY	Plant parameters and RMS data. Mechanical and Electrical repair Teams continue to work on the bus fault and the leak at 12 LPSI pump.	
03:45 (11:45)	SITE EMERGENCY	Plant parameters and RMS data. Mechanical and Electrical repair Teams	
04:00	SITE	Plant parameters and RMS data.	

SCENARIO TIME (CLOCK)	EMERGENCY CLASS	EVENT DESCRIPTION	MESSAGE NUMBER
(13:00)	EMERGENCY	Mechanical and Electrical repair Teams continue to work on the bus fault and the leak at 12 LPSI pump.	
05:15 (13:15)	SITE EMERGENCY	Plant parameters and RMS data. Mechanical and Electrical repair Teams continue to work on the bus fault and the leak at 12 LPSI pump.	

SCENARIO TIME (CLOCK)	EMERGENCY CLASS	EVENT DESCRIPTION	MESSAGE NUMBER
05:30 (13:30)	SITE EMERGENCY	Plant parameters and RMS data. From this point on, the Team completing repairs will be credited with success and either 11 HPSI or 11 LPSI will be started if the bus fault is fixed or if 12 LPSI leak is fixed then start 12 LPSI. The repair of 0-SFP-154 could also provide a success path.	
05:45 (13:45)	SITE EMERGENCY	Plant parameters and RMS data. From this point on, the Team completing repairs will be credited with success and either 11 HPSI or 11 LPSI will be started if the bus fault is fixed or if 12 LPSI leak is fixed then start 12 LPSI. The repair of 0-SFP-154 could also provide a success path.	
06:00 (14:00)	SITE EMERGENCY	TERMINATE THE DRILL.	

MESSAGE DISTRIBUTION LIST

MESSAGE NUMBER	CONTROLLER	LOCATION
1 - 9	ED ROACH	SIMULATOR
10	BLACK/STONE/MURPHY	UNIT 1 45' SWGR
11	STEVE CLAY	UNIT 1 27' SWGR
12	JIM EVANS	UNIT 1 45' SWGR
13	DAN DULL	SPENT FUEL POOL COOLING ROOM
14	JOHN HURTADO	12 ECCS PUMP ROOM

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME: SCENARIO: 00:00 MESSAGE NO.: 1

ACTUAL: 08:00 CONTROLLER: EDWARD ROACH

TO: Control Room Personnel

LOCATION: Control Room (Simulator)

MESSAGE: Present scenario initial conditions using Attachment 1. Allow 10 minutes for shift turnover and the walkdown of the control boards.

CONTROLLER NOTE:

***** THIS IS A DRILL *****

Shift Turnover Information Sheet

DATE: 8-18-92

ON-COMING SHIFT: (DAY) NIGHT

I. UNIT STATUS

1	2	
5	1	MODE
0	100	% POWER
138	548	RCS TEMPERATURE
AMB	2250	RCS PRESSURE
NA	810	MWE NET
0	.54	RCS GROSS LEAKAGE

II. ACTION STATEMENTS - List any action statements that will expire during the on-coming shift.

_____

_____

III. SURVEILLANCE REQUIREMENTS

A. LIST ANY NON-ROUTINE SURVEILLANCE REQUIREMENTS WHICH MUST BE COMPLETED.

B. LIST ANY NON-ROUTINE SURVEILLANCE REQUIREMENTS (INCLUDING CHEMISTRY) WHICH MUST BE COMPLETED DURING THE ONCOMING SHIFT.

Shift Turnover Information Sheet

IV. EQUIPMENT AVAILABILITY
(circle running equipment)
(Cross out OOS equipment - incapable of being operated)

OUTSIDE	UNIT 1	UNIT 2
Salt Water Pumps	(11) (12) 13 11 BUS	(21) (22) 23 24 BUS
Circulating Water Pumps	~~11 12 13 14 15 16~~	(21 22 23 24 25 26)
Screen Wash Pumps	~~11 12 13 14~~	(21 22 23) 24
TURBINE BUILDING		
Condensate Pumps	11 12 13	(21 22 23)
Condensate Booster Pumps	11 12 13	(21 22) 23
Steam Generator Feed Pumps	11 ~~12~~	(21 22)
Heater Drain Pumps	~~11 12~~	(21 22)
Auxiliary Feedwater Pumps	11 ~~12~~ 13 ~~23~~	21 22 ~~23~~ 13
Auxiliary Feedwater X-Conn	2-AFW-4550	~~1-AFW-4550~~
Air Compressors	(11 IA) 12 IA	21 IA (22 IA)
	11 PA	(21 PA)
Air Dryers	11 (12)	21 (22)
Service Water Pumps	(11) (12) 13 11 BUS	(21) (22) 23 24 BUS
Amertaps	~~11A 12A 13A 11B 12B 13B~~	(21A 22A 23A 21B 22B 23B)
Condenser Air Removal Pumps	11 12 13 14	(21 22) 23 (24)

SHIFT TURNOVER INFORMATION SHEET

AUXILIARY BUILDING	UNIT 1	UNIT 2 (circle one)
Reactor Coolant Pumps	~~11A 11B 12A 12B~~	21A 21B 22A 22B
Charging Pumps	11 ~~12~~ ~~13~~ 11 BUS	21 22 23 24 BUS
Component Cooling Pumps	11 12 13 11 BUS	21 22 23 24 BUS
HPSI	11 ~~12~~ ~~13~~ 11 BUS	21 22 23 24 BUS
LPSI	11 12	21 22
Containment Spray pumps	11 ~~12~~	21 22
Boric Acid Pumps	11 12	21 22
Boric Acid Storage Tanks	11 12	21 22
Switchgear HVAC	11 12 W/IA ISOL	21 22 W/IA ISOL
Control Room	11	12

WASTE SYSTEMS

RCW Tanks on Service: 11 RCWRT, 12 RCWRT; 11 RCWMT, 12 RCWMT

Transfers in Progress: From _____ To _____

Discharges in Progress: Liquid _____ Gas _____

RCW Evaporator Status: 11 12 on _____ (specify tank) ON 11 12 RCWRT

Waste Gas Decay Tank on Service: 11 12 13

SPENT FUEL POOL COOLING SYSTEM

Pump	11	12
Cooler	11	12
Suction	11 SFP, 11 RWT, 11 RFP / 21 SFP, 21 RWT, 21 RFP	11 SFP, 11 RWT, 11 RFP / 21 SFP, 21 RWT, 21 RFP
DISCHARGE	11 SFP, 11 RWT, 11 RFP / 21 SFP, 21 RWT, 21 RFP	11 SFP, 11 RWT, 11 RFP / 21 SFP, 21 RWT, 21 RFP
	PURIFICATION/SKIMMERS	PURIFICATION/SKIMMERS

BLOWDOWN STATUS GPM IX's on/BYPASSED 150 GPM IX's on/BYPASSED

SHIFT TURNOVER INFORMATION SHEET

IV. EQUIPMENT AVAILABILITY
(Cross-out OOS busses or equipment)

ELECTRICAL SYSTEMS

Waugh Chapel		5051		5052
500KV		552-61	552-63	552-62
	RED	552-41	552-43	BLACK
		552-21	552-23	552-22

		UNIT 1			UNIT 2	
13KV		P-13000-1	SMECO		P-13000-2	
		11	12	23	21	22
4KV	U-4000-11	U-4000-21	U-4000-13	U-4000-12	U-4000-22	U-4000-23
	11	14		21	24	
	11 EDG	12 EDG	21 EDG	12 EDG	21 EDG	11 EDG
480V	11A 11B	14A 14B		21A 21B	24A 24B	

Vital 120VAC and 125VDC System Status

11	12	13	14	21	22	23	24
NORMAL				NORMAL			
ON BACKUP BUS				ON BACKUP BUS			
RESERVE BATTERY ON				DC BUS			

Shift Turnover Information Sheet

V. GENERAL INFORMATION - (Provide information as described in Section 6.3 of this instruction)

UNIT ONE AND COMMON

Long Term

1. Reactor Coolant System and the pressurizer are full in preparation for drawing a bubble OP-1 Page 23 step F. 1.
2. Steam Generator (S/G) 11 is at + 10" and S/G 12 is at + 15".
3. ?' F.O. Waste Collecting Tank Tagged out. Steve Loeper controls pumping it.

Short Term

1. 12 HPSI Out Of Service (OOS) motor off site for rewind expected back 8-19-92.
2. 13 HPSI is Tagged Out (T/O) for pump realignment, expected back by 8-19-92.
3. 1-SI-324 12 Containment Spray Pump Discharge broken shut, shaft is sheared in valve bonnet.
4. 0-SFP-154 Spent Fuel Pool Cooling System (SFPCS) to Shutdown Cooling (SDC) valve handwheel rotates but valve does not open.
5. 12 Auxiliary Feedwater Pump is OOS for maintenance expected back by 8-22-92.
6. 1-MOV-4143 is closed due to leak by of 12 LPSI normal suction valve.

Shift Turnover Information Sheet
UNIT TWO

Short Term

1. 23 Auxiliary Feed Pump is OOS for repair of motor bearings expected by 6-19-92.
2. 21 Emergency Diesel Generator (EDG) fuel oil day tank inlet solenoid leaking by, Outside Operator monitoring level every four hours.

Long Term

1. Turbine building sump NE both pumps OOS Coffee pots installed and hoses run to the oily sump.
2. Steam leak on 21 Moisture Seperator Reheater (MSR), east side area is roped off.
3. 21 Aux Building supply fan heating coil is isolated and drained, leak in the coil.
4. 21 HPSI pump has high vibration indications during STP, use only if required.

Shift Turnover Information Sheet

VI. EQUIPMENT STATUS

UNIT 1

EQUIPMENT	STATUS	PROBLEM OR ACTION	DATE	MR NUMBER
11 ECCS Exh Fan	(D)	damper does not indicate shut	8-14-92	A24643
12 EDG Air Compressor	(O)	PS does not stop compressor	8-10-92	44514
12 HPSI pump	(I)	burned windings	8-09-92	T/O 31-5670
13 HPSI pump	(O)	excessive vibration	8-17-92	T/O 32-1354
12 SFP Supply Fan	(D)	vibrates excessively	8-10-92	20905520A
WRNGM	(I)	OOS, failed sample pump	8-12-92	36903
1-SI-324 12 Cont Spray Pump Discharge valve	(I)	stem broken	8-13-92	37654
12 Charging Pump	(I)	PM in progress	8-14-92	T/O 33-2345
13 Charging Pump	(I)	failed STP 0-73D-1	8-11-92	T/O 33-1467
12 Aux Feed pump	(I)	bad pump bearing	8-13-92	T/O 32-1527
1-SI-440 12 LPSI normal suction	(O)	leaks by	8-14-92	41233

STATUS:

TECH SPEC EQUIPMENT
(O) OPERABLE
(I) INOPERABLE
(I/F) INOPERABLE BUT FUNCTIONAL

NON-TECH SPEC EQUIPMENT
(D) DEGRADED
(OOS) OUT OF SERVICE

Shift Turnover Information Sheet

VI. EQUIPMENT STATUS

UNIT 2

EQUIPMENT	STATUS	PROBLEM OR ACTION	DATE	MR NUMBER
2-CV-8169	(OOS)	Diaphragm broken	7-1-92	33736
22 ECCS pp rm sump alarm	(OOS)	does not alarm on high level	7-13-92	34352 REWORK
22 Main Vent Exh Fan	(OOS)	damper will not open	8-12-92	A24140
21 SWGR HVAC	(I)	bolt broken on breaker terminal	8-15-92	T/O 29-1354
0-SFP-154 SFPCS to SDC	(OOS)	valve broken	8-15-92	35987
SRW pp rm door	(I/F)	does not seal tightly	8-11-92	36543
23 HPSI pp	(I/F)	breaker for 24 bus is OOS will not close	8-13-92	37934
23 Aux Feed Pump	(I)	motor bearings wiped	8-12-92	T/O 33-1267

STATUS:

TECH SPEC EQUIPMENT
(O) OPERABLE
(I) INOPERABLE
(I/F) INOPERABLE BUT FUNCTIONAL

NON-TECH SPEC EQUIPMENT
(D) DEGRADED
(OOS) OUT OF SERVICE

Shift Supervisor Signature

Maintenance Progress Description

1. 12 High Pressure Safety Injection Pump - Tag Out 31-5670, work in progress, motor removed and is off site for repair, pump upper casing removed for inspection. Estimated time to return to service is 24-32 hours when motor arrives on site.

2. 13 High Pressure Safety Injection Pump - Tag Out 32-2057, work in progress, pump bearings removed, estimate time to return to service is 12 hours.

3. 12 Charging Pump - Tag Out 33-2345, work in progress, PM 1-41-M-SA-2, estimated time to return to service is 6 hours.

4. 13 Charging Pump - Tagout 33-1467, work in progress, plungers being replaced, estimated time to return to service is 32 hours.

5. 12 Auxiliary Feedwater pump - Tagout 32-1527, work on hold waiting for parts, no estimate as to arrival of the parts and completion of the job.

6. 21 Switchgear HVAC unit - Tagout 29-1354, work in progress, estimate 12 hours to return to service.

7. 23 Auxiliary Feedwater pump - Tagout 33-1267, work in progress, motor is disassembled and shaft is being machined, estimate 36 hours to return to service.

SHUTDOWN UNIT SHIFT TURNOVER INFORMATION SHEET ADDENDUM

The following plant equipment shall remain available during the Unit 1 Outage. This equipment shall not be voluntarily removed from service to below the Minimum Number Available without prior approval of the Superintendent-Nuclear Operations or the OS-NPD. Approval will be given using the contingency planning worksheets of CCI-314.

NOTE
To be completed when Unit is in Mode 5 or 6

Equipment	Minimum Number Available	Number Available
1. Electrical Power Source	1 EDG and 2 Off-site circuits or 2 EDGs and 1 Off-site circuit	— or 2/2
2. Service Water	1 subsystem and 2 functional pumps	2/3
3. Containment Spray Pump	1	1 (1) I.A.
4. HPSI Pump	2	(1) I.A.
5. LPSI Pump	2	2
6. Charging Pump	1	1
7. Saltwater	1 subsystem and 2 functional pumps	2/3
8. Boric Acid Pump	1	2
9. Saltwater Air Compressor	1	2
10. Instrument Air Compressor	1	2
11. Instrument Air Dryer	1	2
12. Component Cooling Pump	2	3
13. Control Room HVAC	2(common)	2
14. Switchgear HVAC	1 Train	2
15. ECCS Pump Room Exhaust Fan	1	2
16. Containment Air Coolers	1 Train	4
17. SFP Cooling	1 heat exchanger and pump	2
18. Containment Iodine Filter	1	3

SHUTDOWN UNIT SHIFT TURNOVER INFORMATION SHEET ADDENDUM

NOTE
To be completed whenever the Unit is defueled

Equipment	Minimum Number Available	Number Available
1. Electrical Power Sources	1 EDG and 2 Off-site circuits or 2 EDGs and 1 Off-site circuit	NA or
2. Service Water	1 subsystem and 2 functional pumps	
3. Saltwater	1 subsystem and 2 functional pumps	
4. SFP Cooling	2 heat exchangers and pumps	
5. SFP Area Radiation Monitor	1	
6. Process Radiation Monitor (Service Water System)	1	
7. Instrument Air Dryer	1	
8. Air Compressors (Combination of plant and instrument air)	1	

NOTE
To be completed at all times

Core Alterations in Progress: YES _____ NO ✓

RCS Conditions:

Water Level FULL AND VENTED Ft.

Large Vent Yes _____ No ✓

Time of Rx Shutdown: 6-10-92

Estimated Time to Boiling: 50 Minutes

Inventory:

Cavity Flooded	_____
Above RV Flange	_____
Flange to Hot Leg	_____
Mid-Loop	_____

Containment Closure:

Equipment Hatch	Open	_____	Closed	✓
PAL	Open	_____	Closed	✓
PAL Interlock Operable	No	_____	Yes	✓
EAL	Open	_____	Closed	✓
EAL Interlock Operable	No	_____	Yes	✓

Core Cooling:

S/G	11	✓	12	✓
SDC	11	_____	12	✓
Refueling Pool Lvl > 23' above core	Yes	_____	No	✓

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME SCENARIO: 00:05 MESSAGE NO.: 2

ACTUAL: 08:05 CONTROLLER: Edward Roach

TO: Shift Supervisor

LOCATION: Control Room (Simulator)

MESSAGE: **AN EARTHQUAKE HAS OCCURRED!**

An earthquake has occurred which was felt by all people on-site. Many people were frightened and ran outside of office buildings and trailers.

Damage appears negligible in office buildings. Some temporary trailers were knocked off their supports. Several light poles in the parking lot have fallen over. No injuries reported.

PLEASE MAKE THE FOLLOWING ANNOUNCEMENT:

"This is a Drill"
"A Seismic Event has occurred at Calvert Cliffs Nuclear Power Plant.
Please stay calm. We are aussessing the severity of the event."
"This is a Drill"

CONTROLLER NOTE:

***** THIS IS A DRILL *****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME SCENARIO: 00:05 MESSAGE NO.: 2A

ACTUAL: 08:05 CONTROLLER: Edward Roach

TO: Drill Players

LOCATION: Normal Work Location

MESSAGE: **AN EARTHQUAKE HAS OCCURRED!**

An earthquake has occurred which was felt by people on-site at Calvert Cliffs. Many people were frightened and ran outside of office buildings and trailers.

Damage appears negligible in office buildings. Some temporary trailers were knocked off their supports. Several light poles in the parking lot have fallen over. No injuries reported.

**** THIS IS A DRILL ****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME SCENARIO: 00:05 MESSAGE NO.: 2B

ACTUAL: 08:05 CONTROLLER: Edward Roach

TO: Drill Players

LOCATION: Normal Work Location

MESSAGE: **AN EARTHQUAKE HAS OCCURRED!**

An earthquake has occurred which was felt by people in the greater Baltimore Metropolitan area. Many people were frightened.

Damage appears negligible. Several light poles have fallen over. Some minor electrical outages have occurred. No injuries reported.

**** THIS IS A DRILL ****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME SCENARIO: 00:15 MESSAGE NO.: 3

ACTUAL: 08:15 CONTROLLER: Edward Roach

TO Shift Supervisor

LOCATION: Control Room (Simulator)

MESSAGE: **AN EARTHQUAKE HAS OCCURRED!**

After assessing event IAW OI-46, It is determined that peak vertical and horizontal acceleration exceed .08g Horizontal and .053g Vertical.

CONTROLLER NOTE: If the crew makes calls to the agencies listed in OI-46 The earthquake was a 5.5 on the Richter Scale. The epicenter was Brandywine,Md.

***** THIS IS A DRILL *****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

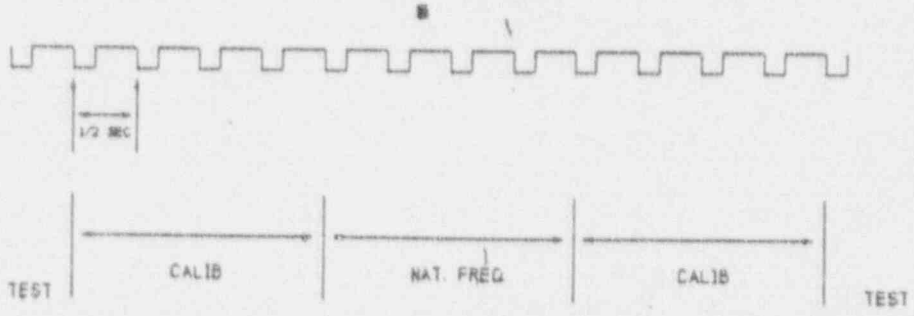
TIME SCENARIO: 00:15 MESSAGE NO.: 3

ACTUAL: 08:15 CONTROLLER: Edward Roach

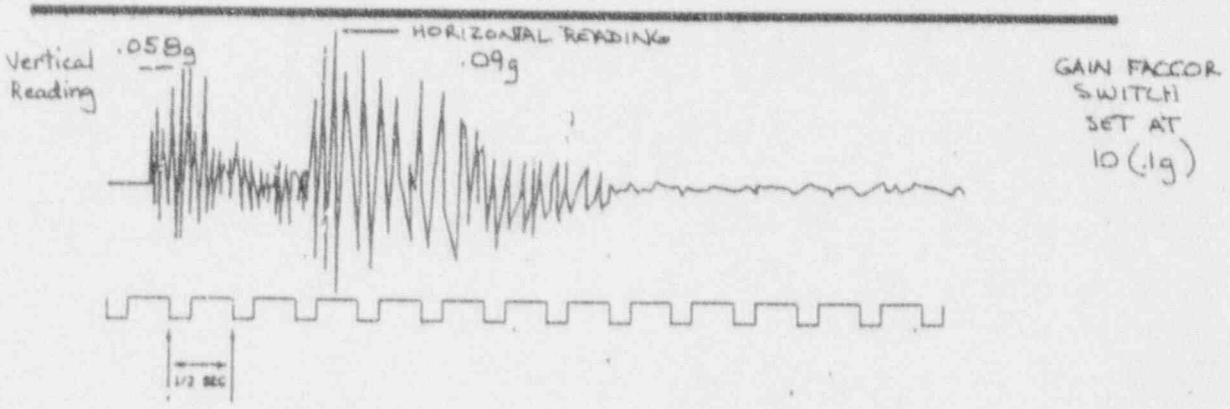
TO: Shift Supervisor

LOCATION: Control Room (Simulator)

MESSAGE: **AN EARTHQUAKE HAS OCCURRED!**



TYPICAL TEST RECORD - FORCED BALANCE ACCELEROMETER (FBA)



EARTHQUAKE RECORD

***** THIS IS A DRILL *****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME SCENARIO: 01:15 MESSAGE NO.: 4

ACTUAL: 09:15 CONTROLLER: Edward Roach

TO: Shift Supervisor

LOCATION: Control Room (Simulator)

MESSAGE: **AN EARTHQUAKE HAS OCCURRED!**

Another earthquake has occurred which was more severe on-site. Many people were frightened and ran outside of office buildings and trailers.

Damage appears negligible in office buildings. Some temporary trailers were knocked off their supports. Several light poles in the parking lot have fallen over. No injuries reported.

Minor structural damage to Butler Buildings.
PLEASE MAKE THE FOLLOWING ANNOUNCEMENT:

"This is a Drill"
"A Seismic Event has occurred at Calvert Cliffs Nuclear Power Plant.
Please stay calm. We are assessing the severity of the event."
"This is a Drill"

CONTROLLER NOTE:

***** THIS IS A DRILL *****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME SCENARIO: 01:30 MESSAGE NO.: 5

ACTUAL: 09:30 CONTROLLER: Edward Roach

TO: Shift Supervisor

LOCATION: Control Room (Simulator)

MESSAGE: **AN EARTHQUAKE HAS OCCURRED!**

After assessing event IAW OI-46, It is determined that peak vertical and horizontal acceleration exceed .15g Horizontal and .10g Vertical.

CONTROLLER NOTE: If the crew makes calls to the agencies listed in OI-46 The earthquake was a 6.3 on the Richter Scale. The epicenter was Brandywine,Md.

***** THIS IS A DRILL *****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

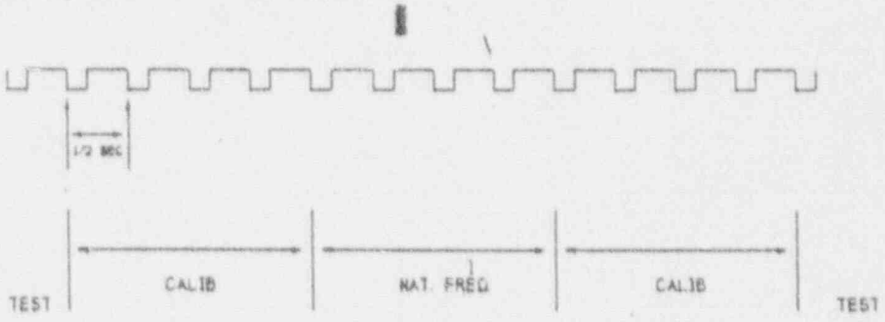
TIME SCENARIO: 01:30 MESSAGE NO.: 5

ACTUAL: 09:30 CONTROLLER: Edward Roach

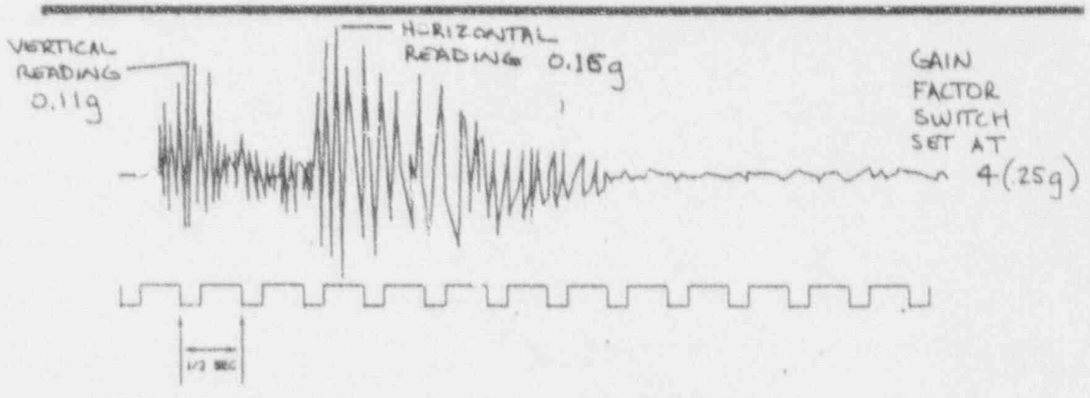
TO: Shift Supervisor

LOCATION: Control Room (Simulator)

MESSAGE: **AN EARTHQUAKE HAS OCCURRED!**



TYPICAL TEST RECORD - FORCED BALANCE ACCELEROMETER (FBA)



EARTHQUAKE RECORD

***** THIS IS A DRILL *****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME: SCENARIO: 02:15 MESSAGE NO.: 6

ACTUAL: 10:15 CONTROLLER: Edward Roach

TO: Control Room Operator

LOCATION: Control Room (Simulator)

MESSAGE: Letdown Filter Delta P high alarm is in and then cleared.

Pressurizer level is decreasing.

Pressurizer level alarms on channels X and Y.

LPSI flow control indication indication decreasing.

CONTROLLER NOTE:

***** THIS IS A DRILL *****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME: SCENARIO: 02:17 MESSAGE NO.: 7

ACTUAL: 10:17 CONTROLLER: Edward Roach

TO: Control Room Operator

LOCATION: Control Room (Simulator)

MESSAGE: LPSI pump #12 just tripped.

LPSI Low Suction Pressure alarm

CONTROLLER NOTE:

***** THIS IS A DRILL *****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME: SCENARIO: 02:20 MESSAGE NO.: 8

ACTUAL: 10:20 CONTROLLER: Edward Roach

TO: Control Room Operator

LOCATION: Control Room (Simulator)

MESSAGE: Radiation Monitor Panel alarm

1-RI-5406 ECCS pump room Ventilation is in alarm.

1-RI-7005 12 ECCS pump room is in alarm.

CONTROLLER NOTE:

***** THIS IS A DRILL *****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME: SCENARIO: 02:30 MESSAGE NO.: 9

ACTUAL: 10:30 CONTROLLER: Edward Roach

TO: Control Room Staff

LOCATION: Control Room (Simulator)

MESSAGE: The following alarms are in:

11 4KV Engineered Safety Features Feeder breaker trip

11 480 V Engineered Safety Features Feeder Breaker trip

MCC 11G Undervoltage

11/12 208/120 Instrument Bus Undervoltage

250 Volt Battery Charger

11-12-23-24 125V Battery Charger

Turbine Building Salt Water Header Pressure Low

11 Service Water header pressure low

Component Cooling pumps discharge pressure low

CONTROLLER NOTE:

***** THIS IS A DRILL *****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME: SCENARIO: 03:35 MESSAGE NO.: 10

ACTUAL: 11:35 CONTROLLER: Black/Stone/Murphy

TO: Plant Operator

LOCATION: Breaker 152-1404 in the Unit 1 45' Switchgear room.

MESSAGE: Breaker 152-1404 is tripped and will not reset.
"Flags" are showing on the instantaneous and timed overcurrent to ground relays.

CONTROLLER NOTE:

***** THIS IS A DRILL *****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME: SCENARIO: 03:00 MESSAGE NO.: 11

ACTUAL: 11:00 CONTROLLER: Steve Clay

TO: Electrical Maintenance Team

LOCATION: U-1 27' Switchgear Room

MESSAGE: Breaker 152-1115 is tripped instantaneous and timed overcurrent to ground relays "flags" are dropped the 186 device is also tripped.

CONTROLLER NOTE: Point out the spare breaker as the feeder breaker 152-1115 for 11 4Kv bus.
Observe the Team set up and simulate racking out the breaker.
Observe the Team perform the trouble shooting tasks required to test the condition of the breaker or bus. All materials, tools, test gear etc. must be brought to the actual scene of the breaker.
The fault on the breaker is the main arcing contact finger assembly on the B phase have broken off. Refer to the attached drawing.
When repair is complete or a decision is made that it is permissible to energize the bus from another source then report this to the Lead Controller with your radio or extension 4341.

***** THIS IS A DRILL *****

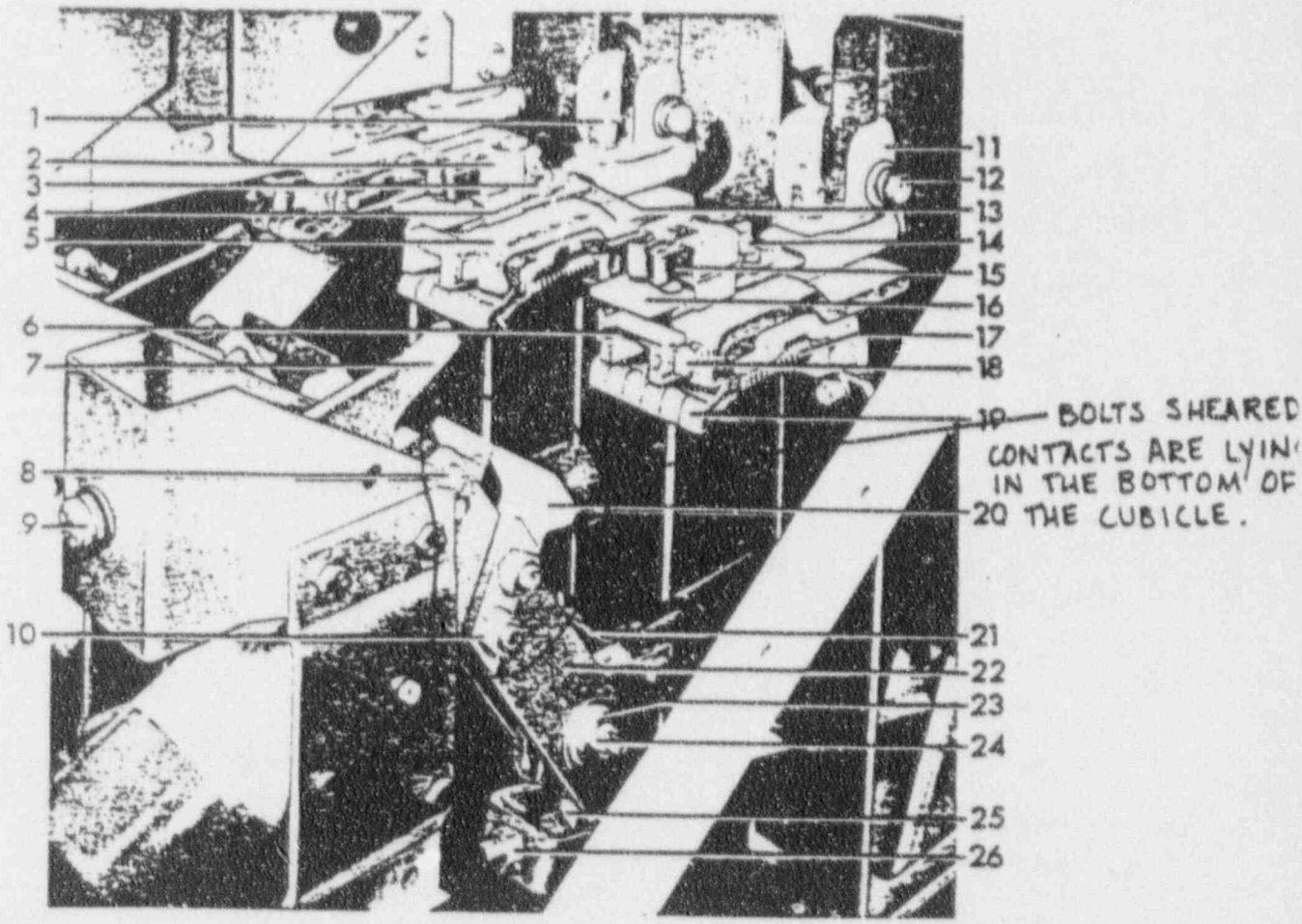


Fig. 21 (8037373) Contact Assembly

1. Bolts for Contact Support
2. Stationary Arcing Contact Asm.
3. Mounting Bolt
4. Flexible Braid
5. Contact Support
6. Buffer
7. Movable Arcing Contact
8. Assembly Bolts
9. Front Support Bolt
10. Assembly Bolts
11. Rear Interrupter Support
12. Rear Support Bolt
13. Bolt for Flexible Braids
14. Connection Bolt
15. Arcing Contact Finger
16. Insulation Plate
17. Contact Spring
18. Buffer Retainer
19. Stationary Primary Contact
20. Movable Primary Contact
21. Connection Bar
22. Contact Arm
23. Cup Bearing
24. Hinge Pin and Nut
25. Operating Rod
26. Adjusting Nut

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME: SCENARIO: 03:00 MESSAGE NO.: 12

ACTUAL: 11:00 CONTROLLER: Jim Evans

TO: Electrical Maintenance Repair Team

LOCATION: U-1 45' Switchgear Room at breaker 152-1404 for 12 LPSI pump.

MESSAGE: The breaker is tripped and will not reset, the timed and instantaneous overcurrent relays "flags" are showing.

CONTROLLER NOTE: Point out the spare breaker as the feeder breaker 152-1404 for 12 LPSI pump.
Observe the Team set up and simulate racking out the breaker.

Observe the Team perform the trouble shooting tasks required to test the condition of the breaker.
All materials, tools, test gear etc. must be brought to the actual scene of the breaker.

The fault on the breaker is the movable primary contacts have come loose and are lying in the bottom of the cubicle. See the attached drawing.

When racking the breaker out the A phase stab became disconnected from the breaker and is hanging off the buswork.

The Team may not use another spare breaker as they are all off site for repair.

When the repair is complete, please report this to the Lead Controller via radio or extension 4341.

***** THIS IS A DRILL *****

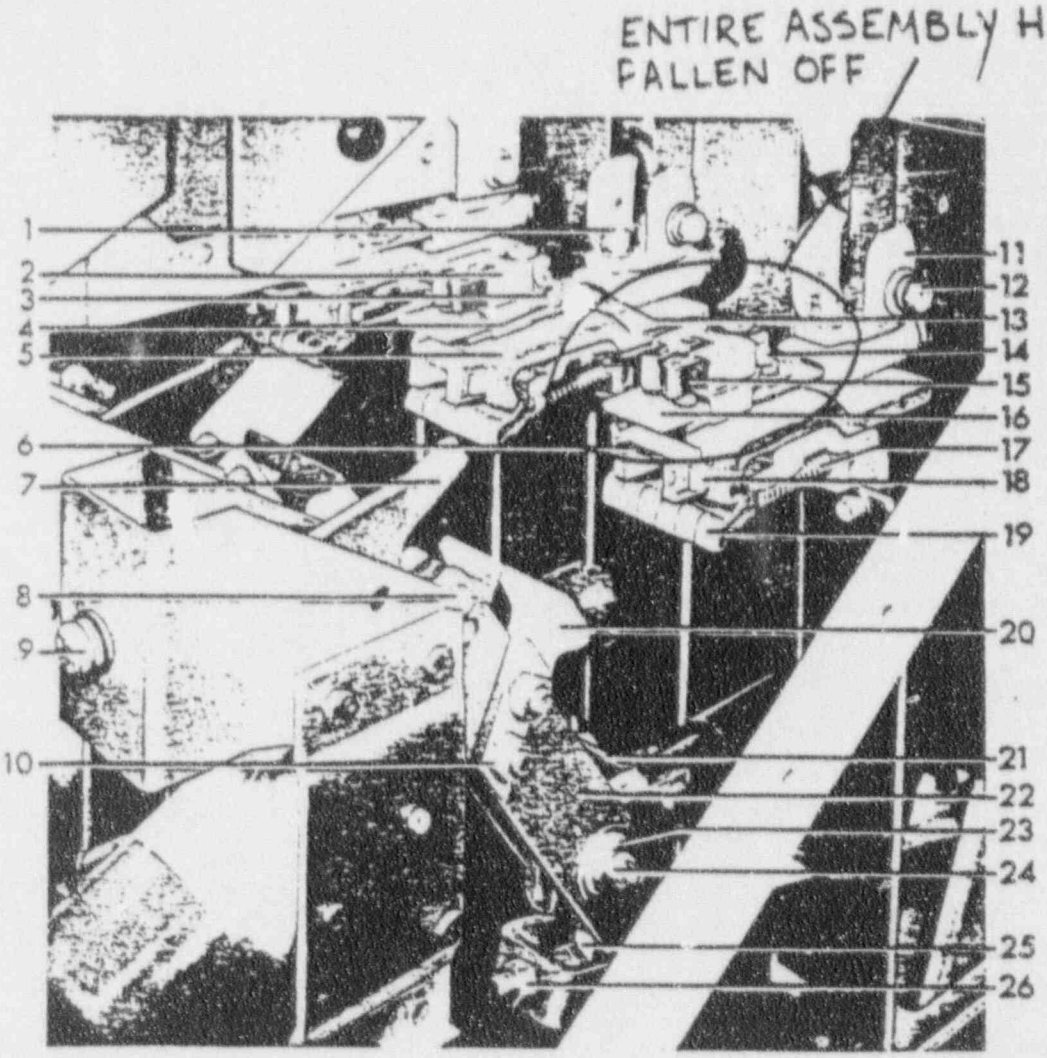


Fig. 21 (8037373) Contact Assembly

1. Bolts for Contact Support
2. Stationary Arcing Contact Asm.
3. Mounting Bolt
4. Flexible Braid
5. Contact Support
6. Buffer
7. Movable Arcing Contact
8. Assembly Bolts
9. Front Support Bolt
10. Assembly Bolts
11. Rear Interrupter Support
12. Rear Support Bolt
13. Bolt for Flexible Braids
14. Connection Bolt
15. Arcing Contact Finger
16. Insulation Plate
17. Contact Spring
18. Buffer Retainer
19. Stationary Primary Contact
20. Movable Primary Contact
21. Connection Bar
22. Contact Arm
23. Cup Bearing
24. Hinge Pin and Nut
25. Operating Rod
26. Adjusting Nut

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME: SCENARIO: 03:00 MESSAGE NO.: 13

ACTUAL: 11:00 CONTROLLER: Dan Dull

TO: Mechanical Repair Team

LOCATION: 27' Spent Fuel Pool Cooling and Purification System Room.

MESSAGE: The valve handwheel will rotate but the valve will will not open.

CONTROLLER NOTE: Point out the mockup as 0-SFP-154. Ensure that all tools, prints, materials etc. are actually brought to the scene to complete the repair.

When the repairs are completed report this to the Lead Controller via radio or extension 4341.

***** THIS IS A DRILL *****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME: SCENARIO: 03:00 MESSAGE NO.: 14

ACTUAL: 11:00 CONTROLLER: John Hurtado

TO: Mechanical Repair Team

LOCATION: 12 ECCS pump room, -15' level Auxiliary Building

MESSAGE: The water level is approximately 1/4 inch deep in front of the elevator. The water is running down the stairwell and is 6 inches deep at the bottom of the stairwell. The water is 6 inches deep in 12 ECCS pump room. This pipe represents the suction spool piece of 12 LPSI pump, the air and streamers represent water leaking from the pipe.

CONTROLLER NOTE: Meet the Team at the stairwell and inform them of the water levels as they move from the -10 to the -15 and finally to the pump room. When the Team approaches the mockup describe it and ensure their understanding. When the repair is complete then report this to the Lead Controller on extension 4341.

***** THIS IS A DRILL *****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME: SCENARIO: 00:30	MESSAGE NO.: CONTINGENCY 1
ACTUAL: 08:30	CONTROLLER: Edward Roach

TO: Shift Supervisor

LOCATION: Control Room (Simulator)

MESSAGE: Declare an ALERT condition based on WEATHER.

CONTROLLER NOTE: Use this message only to maintain the integrity of the scenario.

***** THIS IS A DRILL *****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME: SCENARIO: 00:00 MESSAGE NO.: Contingency 2

ACTUAL: 08:00 CONTROLLER: Edward Roach

TO: Control Room Operator

LOCATION: Control Room

MESSAGE: For DRILL purposes only change ERPIP 3.0 ATT. 2, page 2 action 3.A.2 to:

"Announce a(an)_____ exists." For an ALERT or higher, announce "DRILL PLAYERS report to your assembly area immediately."

CONTROLLER NOTE:

**** THIS IS A DRILL ****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME: SCENARIO: as required MESSAGE NO.: CONTINGENCY 3

ACTUAL: as required CONTROLLER: Edward Roach

TO: Control Room Supervisor

LOCATION: Control Room (Simulator)

MESSAGE: Perform step AOP-3B step 8 page 9.

CONTROLLER NOTE:

***** THIS IS A DRILL *****

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

TIME: SCENARIO: as required MESSAGE NO.: CONTINGENCY 4

ACTUAL: as required CONTROLLER: Edward Roach

TO: Shift Supervisor

LOCATION: Control Room (Simulator)

MESSAGE: Send an operator to investigate conditions in 12 ECCS pump room immediately.

CONTROLLER NOTE:

***** THIS IS A DRILL *****

Scenario Time: 00:00

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	90
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	87
1L110X	0 to 360 IN.	Press. Level Hot	360
1P105A	0 to 4000 PSIA	Pressurizer Pressure	70
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	144
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	144
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	134
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	134
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	133
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	133
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	752
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	745
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	756
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	757
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	3010
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	65
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	85
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	118
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	119
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	31.6
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	15
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.3
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	143

Scenario Time: 00:15

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	90
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	87
1L110X	0 to 360 IN.	Press. Level Hot	360
1P105A	0 to 4000 PSIA	Pressurizer Pressure	70
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	144
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	144
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	134
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	134
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	133
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	133
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	752
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	745
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	756
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	757
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	3010
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	85
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	85
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	118
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	119
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	31.6
1P1573	0.0 to 150 PSIG	Ser . WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	15
1P 204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.3
OA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
OR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	143

Scenario Time: 00:30

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	90
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	87
1L110X	0 to 360 IN.	Press. Level Hot	360
1P105A	0 to 4000 PSIA	Pressurizer Pressure	70
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	144
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	144
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	134
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	134
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	133
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	133
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	752
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	745
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	756
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	757
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	3010
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	85
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	85
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	118
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	119
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	31.6
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	15
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.3
OA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
OR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	143

Scenario Time: 00:45

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	90
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	87
1L110X	0 to 360 IN.	Press. Level Hot	360
1P105A	0 to 4000 PSIA	Pressurizer Pressure	70
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	144
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	144
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	134
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	134
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	133
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	133
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	752
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	745
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	756
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	757
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	3010
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	85
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	85
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	118
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	119
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	31.6
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	15
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.3
OA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
OR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	143

Scenario Time: 01:00

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	90
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	87
1L110X	0 to 360 IN.	Press. Level Hot	360
1P105A	0 to 4000 PSIA	Pressurizer Pressure	70
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	144
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	144
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	134
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	134
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	133
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	133
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	752
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	745
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	756
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	757
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	3010
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	85
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	85
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	118
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	119
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	31.6
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	15
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.3
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	143

Scenario Time: 01:15

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	90
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	87
1L110X	0 to 360 IN.	Press. Level Hot	360
1P105A	0 to 4000 PSIA	Pressurizer Pressure	70
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	144
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	144
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	134
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	134
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12	133
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop [illegible]	133
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	752
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	745
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	756
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	757
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	3010
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG WP 11 Disch.	85
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	85
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	118
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	119
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	31.6
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	15
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.3
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	143

Scenario Time: 01:30

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	90
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	87
1L110X	0 to 360 IN.	Press. Level Hot	360
1P105A	0 to 4000 PSIA	Pressurizer Pressure	70
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	144
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	144
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	134
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	134
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	133
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	133
1W009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	752
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	745
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	756
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	757
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	3010
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	85
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	85
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	118
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	119
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	31.6
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	15
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.3
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	143

Scenario Time: 01:45

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	90
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	87
1L110X	0 to 360 IN.	Press. Level Hot	360
1P105A	0 to 4000 PSIA	Pressurizer Pressure	70
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	144
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	144
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	134
1T112B	212 to 705 DEGF	RCS Cold Leg emp. Loop 11B	134
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	133
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	133
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	752
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	745
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	756
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	757
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	3010
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	85
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	85
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	118
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	119
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	31.6
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	15
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.3
OA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
OR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	143

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Scenario Time: 02:00

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	90
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	87
1L110X	0 to 360 IN.	Press. Level Hot	360
1P105A	0 to 4000 PSIA	Pressurizer Pressure	70
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	144
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	144
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	134
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	134
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	133
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	133
1N005	to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	752
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	745
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	756
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	757
1F414B	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	3010
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	85
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	85
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	118
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	119
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	31.6
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	15
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.3
DA6519	0.00 to 10 PCNT	Cntmt O2 Concentration	0
DR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	143

Scenario Time: 02:15

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	104
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	102
1L110X	0 to 360 IN.	Press. Level Not	360
1P105A	0 to 4000 PSIA	Pressurizer Pressure	89
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	146
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	147
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	138
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	138
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	137
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	137
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
[illegible]11	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	745
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	755
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	760
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	755
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	3015
1F212	0 to 150 CPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	85
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	85
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	118
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	119
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	31.6
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	15
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.3
DA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
DR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	145

Scenario Time: 02:30

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	71
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	68
1L110X	0 to 360 IN.	Press. Level Hot	0
1P105A	0 to 4000 PSIA	Pressurizer Pressure	60
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	166
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	165
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	162
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	162
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	145
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	145
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	0
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	0
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	0
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	0
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	0
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	69
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	83
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	77
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	77
1L4145	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	38.9
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	87
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	16
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	5
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 4000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.3
DA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
DR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
11XX	70 to 1762 DEGF	ICI Temp.	165

Scenario Time: 02:45

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	67
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	68
1L110X	0 to 360 IN.	Press. Level Hot	0
1P105A	0 to 4000 PSIA	Pressurizer Pressure	60
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	175
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	175
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	164
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	164
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	157
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	157
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	0
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	0
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	0
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	0
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 6000 GPM	LPSI Flow Control	0
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	69
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	65
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	77
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	77
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	38.9
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	87
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	16
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	2.5
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.3
DA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
DR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	174

Scenario Time: 03:00

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	60
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	64
1L110X	0 to 360 IN.	Press. Level Hot	0
1P105A	0 to 4000 PSIA	Pressurizer Pressure	55
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	183
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	183
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	171
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	171
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	167
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	167
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	0
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	0
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	0
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	0
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	0
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	63
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	63
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	76
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	76
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	38.9
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	16
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.4
OA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
OR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	IC1 Temp.	182

Scenario Time: 03:15

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	59
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	58
1L110X	0 to 360 IN.	Press. Level Not	0
1P105A	0 to 4000 PSIA	Pressurizer Pressure	51
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	191
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	191
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	178
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	178
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	177
1T122D	212 to 705 DEG	RCS Cold Leg Temp. Loop 12B	177
1N009	0 to 125 PCNT	Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	0
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	0
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	0
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	0
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	0
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	63
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	63
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	76
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	76
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	38.9
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	16
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.4
OA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
OR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	190

Scenario Time: 03:30

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	53
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	54
1L110X	0 to 360 IN.	Press. Level Hot	0
1P105A	0 to 4000 PSIA	Pressurizer Pressure	47
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	199
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	199
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	186
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	186
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	185
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	185
1W009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	0
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	0
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	0
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	0
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	0
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	63
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	63
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	76
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	76
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	38.9
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	16
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.4
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1567 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	198

Scenario Time: 03:45

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	47
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	50
1L110X	0 to 360 IN.	Press. Level Hot	0
1P105A	0 to 4000 PSIA	Pressurizer Pressure	43
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	207
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	207
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	194
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	194
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	194
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	194
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	0
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	0
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	0
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	0
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	0
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	63
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	63
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	76
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	76
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	38.9
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	16
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.4
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	207

Scenario Time: 04:00

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	39
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	43
1L110X	0 to 360 IN.	Press. Level Hot	0
1P105A	0 to 4000 PSIA	Pressurizer Pressure	40
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	215
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	215
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	202
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	202
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	202
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	202
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	0
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	0
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	0
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	0
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	0
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	63
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	63
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	76
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	76
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	38.9
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	16
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.4
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	215

Scenario Time: 04:15

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	30
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	32
1L110X	0 to 360 IN.	Press. Level Hot	17
1P105A	0 to 4000 PSIA	Pressurizer Pressure	38
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	223
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	223
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	210
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	210
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	210
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	210
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	14.7
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	14.7
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	0
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	0
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	0
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	0
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	0
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	63
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	63
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	76
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	76
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	38.9
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	16
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.4
DA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
DR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	223

Scenario Time: 04:30

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	21
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	24
1L110X	0 to 360 IN.	Press. Level Hot	35
1P105A	0 to 4000 PSIA	Pressurizer Pressure	35
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	231
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	231
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	218
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	218
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	218
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	218
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	17
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	17
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	0
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	0
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	0
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	0
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	0
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	63
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	63
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	76
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	76
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	38.9
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	16
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.4
OA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
OR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	231

Scenario Time: 04:45

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	9
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	9
1L110X	0 to 360 IN.	Press. Level Hot	54
1P105A	0 to 4000 PSIA	Pressurizer Pressure	34
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	239
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	239
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	226
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	226
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	226
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	226
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	20
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	20
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	0
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	0
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	0
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	0
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	0
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	63
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	63
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	76
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	76
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	38.9
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	16
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.4
OA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
OR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	239

Scenario Time: 05:00

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	3
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	4
1L110X	0 to 360 IN.	Press. Level Hot	73
1P105A	0 to 4000 PSIA	Pressurizer Pressure	33
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	247
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	247
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	234
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	234
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	234
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	234
1ND09	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	23
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	23
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	0
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	0
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	0
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	0
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 800 GPM	LPSI Flow Control	0
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	63
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	63
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	76
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	76
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	38.9
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	16
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	-1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.4
OA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
OR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	247

Scenario Time: 05:15

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	0
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	0
1L110X	0 to 360 IN.	Press. Level Hot	148
1P105A	0 to 4000 PSIA	Pressurizer Pressure	33
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	254
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	254
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	243
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	243
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	243
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	243
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	26
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	26
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	0
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	0
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	0
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	0
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	L-SI Flow Control	0
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	63
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	63
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	76
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	76
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	38.9
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	16
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	-1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.4
DA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
DR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	254

Scenario Time: 05:30

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	0
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	0
1L110X	0 to 360 IN.	Press. Level Hot	308
1P105A	0 to 4000 PSIA	Pressurizer Pressure	33
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	263
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	263
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	250
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	250
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	250
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	250
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	30
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	30
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	0
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	0
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	0
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	0
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	0
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	63
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	63
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	76
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	76
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	38.9
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	16
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	ntmt Pressure	0.4
DA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
DR2201	10-1 000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	2.2
11XX	70 to 1762 DEGF	ICI Temp.	263

Scenario Time: 05:45

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	0
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	0
1L110X	0 to 360 IN.	Press. Level Hot	360
1P105A	0 to 4000 PSIA	Pressurizer Pressure	33
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	267
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	267
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	256
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	256
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	256
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	256
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	33
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	33
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	0
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	0
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	0
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	0
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	0
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	63
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	63
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	76
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	76
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	38.9
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	16
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	-1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.4
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	274

Scenario Time: 06:00

Point Identifier	Measurement Range	Instrument Name	Value
1F111A	0 to 100 PCNT	RCS Flow Loop 11	0
1F121A	0 to 100 PCNT	RCS Flow Loop 12	0
1A11	0 to 1000 DEGF	Subcooled Marg. Loop 11	0
1A12	0 to 1000 DEGF	Subcooled Marg. Loop 12	0
1L110X	0 to 360 IN.	Press. Level Ht.	360
1P105A	0 to 4000 PSIA	Pressurizer Pressure	38
1T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 11	279
1T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 12	279
1T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11A	261
1T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 11B	261
1T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12A	261
1T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 12B	261
1N009	0 to 125 PCNT	Thermal Power	0
1L1105	-116.5 to 63.5 IN.	Steam Generator Level 11	63.5
1L1106	-116.5 to 63.5 IN.	Steam Generator Level 12	63.5
1P1013	0 to 1200 PSIG	Steam Generator Press. 11	36
1P1023	0 to 1200 PSIG	Steam Generator Press. 12	36
1F311	0 to 300 GPM	HPSI Flow to Loop 11A	0
1F321	0 to 300 GPM	HPSI Flow to Loop 11B	0
1F331	0 to 300 GPM	HPSI Flow to Loop 12A	0
1F341	0 to 300 GPM	HPSI Flow to Loop 12B	0
1F312	0 to 2500 GPM	LPSI Flow to Loop 11A	0
1F322	0 to 2500 GPM	LPSI Flow to Loop 11B	0
1F332	0 to 2500 GPM	LPSI Flow to Loop 12A	0
1F342	0 to 2500 GPM	LPSI Flow to Loop 12B	0
1F4148	0 to 2000 GPM	Cnmt. Spray HDR 11 Flow	0
1F4149	0 to 2000 GPM	Cnmt. Spray HDR 12 Flow	0
1F306	0 to 8000 GPM	LPSI Flow Control	0
1F212	0 to 150 GPM	Chrg. PPS Disch. Flow	0
1P3814	0 to 150 PSIG	Comp. CLG PP 11 Disch.	63
1P3816	0 to 150 PSIG	Comp. CLG PP 12 Disch.	63
1T303X	0 to 400 DEGF	S/D HX 11 Outlet Temp.	76
1T303Y	0 to 400 DEGF	S/D HX 12 Outlet Temp.	76
1L4143	0.00 to 40 FT.	Refuel Water Tank 11 Lev.	38.7
1P1573	0.0 to 150 PSIG	Serv. WTR HDR 11 Press.	125
1P5203	0.00 to 60. PSIG	Salt WTR PP HDR 12 Press.	16
1P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	13
1F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 11	0
1F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 12	0
1L5610	0.00 to 38 FT.	Conds. Stor. TK 12 Level	31
1F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 11	0
1F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 12	0
1L5603	-1.00 to 34 FT.	Conds. Stor. TK 11 Level	3.2
1P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.4
OA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
OR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
1F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
1TXX	70 to 1762 DEGF	ICI Temp.	277

U-1 INSTANTANTOUS READINGS

SCENARIO TIME: 00:00

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	77	PSIA
Loop Temp (T_{Hot})	144	°F
Subcooled Margin	90	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.3	PSIG
Containment Temperature	83	°F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	3010	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	143	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 00:15

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	77	PSIA
Loop Temp (T_{Hot})	144	°F
Subcooled Margin	90	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.3	PSIG
Containment Temperature	83	°F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	3010	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	143	of

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 00:30

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	77	PSIA
Loop Temp (T_{Hot})	144	°F
Subcooled Margin	90	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.3	PSIG
Containment Temperature	83	°F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	3010	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	143	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 00:45

TO: Control Rm Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	77	PSIA
Loop Temp (T_{Hot})	144	°F
Subcooled Margin	90	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.3	PSIG
Containment Temperature	83	°F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	3010	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	143	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 01:00

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	77	PSIA
Loop Temp (T_{ot})	144	°F
Subcooled Margin	90	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.3	PSIG
Containment Temperature	83	°F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	3010	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	143	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 01:15

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	77	PSIA
Loop Temp (T_{Hot})	144	°F
Subcooled Margin	90	°F
RCS Flow	0	%
11/12 Steam Generator Pressu.	14.7	PSIA
Containment Pressure	.3	PSIG
Containment Temperature	83	°F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	3010	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	143	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 01:30

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	77	PSIA
Loop Temp (T_{Hot})	144	°F
Subcooled Margin	90	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.3	PSIG
Containment Temperature	83	°F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	3010	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	143	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 01:45

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	77	PSIA
Loop Temp (T_{hot})	144	°F
Subcooled Margin	90	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.3	PSIG
Containment Temperature	83	°F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	3010	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	143	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 02:00

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	77	PSIA
Loop Temp (T_{Hot})	144	°F
Subcooled Margin	90	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.3	PSIG
Containment Temperature	83	°F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	3010	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	143	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 02:15

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	89	PSIA
Loop Temp (T_{Hot})	147	°F
Subcooled Margin	104	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.3	PSIG
Containment Temperature	83	°F
Containment Sump Level	0	inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	3015	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	145	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS RFADINGS

SCENARIO TIME: 02:30

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	60	PSIA
Loop Temp (T_{Hot})	166	^{o}F
Subcooled Margin	71	^{o}F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.3	PSIG
Containment Temperature	83	^{o}F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	0	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	165	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 02:45

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READING (Controller -- Post and leave up)

Pressurizer Pressure	60	PSIA
Loop Temp (T_{Hot})	175	°F
Subcooled Margin	68	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.3	PSIG
Containment Temperature	84	°F
Containment Sump	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	0	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	174	of

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 03:00

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Control -- Post and up)

Pressurizer Pressure	55	PSIA
Loop Temp (T_{Hot})	185	°F
Subcooled Margin	64	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.4	PSIG
Containment Temperature	85	°F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	0	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	182	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 03:15

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	51	PSIA
Loop Temp (T_{Hot})	191	°F
Subcooled margin	59	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.4	PSIG
Containment Temperature	85	°F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	0	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	190	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 03:36

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	47	PSIA
Loop Temp (T_{Hot})	198	°F
Subcooled Margin	54	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.4	PSIG
Containment Temperature	86	°F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	0	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	198	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 03:45

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	43	PSIA
Loop Temp (T_{Hot})	207	^{o}F
Subcooled Margin	50	^{o}F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.4	PSIG
Containment Temperature	86	^{o}F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	0	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	207	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 04:00

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	40	PSIA
Loop Temp (T_{Hot})	215	°F
Subcooled Margin	43	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.4	PSIG
Containment Temperature	86	°F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	0	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	215	oF

* THIS 'S A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 04:15

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	38	PSIA
Loop Temp (T_{Hot})	223	^{o}F
Subcooled Margin	32	^{o}F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.4	PSIG
Containment Temperature	87	^{o}F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	0	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	223	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 04:30

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	35	PSIA
Loop Temp (T_{Hot})	231	°F
Subcooled Margin	24	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.4	PSIG
Containment Temperature	87	°F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	0	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	231	cF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 04:45

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	34	PSIA
Loop Temp (T_{Hot})	239	^{o}F
Subcooled Margin	9	^{o}F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.4	PSIG
Containment Temperature	88	^{o}F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	0	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	239	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 05:00

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	33	PSIA
Loop Temp (T_{Hot})	247	^{o}F
Subcooled Margin	4	^{o}F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.4	PSIG
Containment Temperature	88	^{o}F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	0	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	247	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 05:15

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	33	PSIA
Loop Temp (T_{Hot})	254	°F
Subcooled Margin	0	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.4	PSIG
Containment Temperature	88	°F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	0	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 R.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	254	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 05:30

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	33	PSIA
Loop Temp (T_{Hot})	263	°F
Subcooled Margin	0	°F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.4	PSIG
Containment Temperature	88	°F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	0	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	263	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 05:45

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	33	PSIA
Loop Temp (T_{Hot})	267	^{o}F
Subcooled Margin	0	^{o}F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.4	PSIG
Containment Temperature	88	^{o}F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	0	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/31	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	274	oF

* THIS IS A DRILL *

U-1 INSTANTANEOUS READINGS

SCENARIO TIME: 06:00

TO: Control Room Personnel

LOCATION: Control Room

MESSAGE: INSTANTANEOUS READINGS (Controller -- Post and leave up)

Pressurizer Pressure	38	PSIA
Loop Temp (T_{Hot})	279	^{o}F
Subcooled Margin	0	^{o}F
RCS Flow	0	%
11/12 Steam Generator Pressure	14.7	PSIA
Containment Pressure	.4	PSIG
Containment Temperature	68	^{o}F
Containment Sump Level	0	Inches
High Pressure Safety Injection Flow (total)	0	GPM
Low Pressure Safety Injection Flow (total)	0	GPM
Containment Spray Header Flow	0	GPM
Charging Pump Flow	0	GPM
Safety Injection Tank level: 11A	195	Inches
11B	195	Inches
12A	195	Inches
12B	195	Inches
Refueling Water Tank Level	31.6	Feet
11/12 Auxiliary Feed Water Flow (Total)	0	GPM
11/12 Condensate Storage Tank Level	3.2/3.1	Feet
11/12 B.A.S.T.	122/127	Inches
Letdown Flow	0	GPM
Core Exit Temperature	277	oF

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 00:00

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	360
Loop Temp (T Cold)	134
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 00:15

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	360
Loop Temp (T Cold)	134
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 00:30

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	360
Loop Temp (T Cold)	134
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 00:45

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	360
Loop Temp (T Cold)	134
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 01:00

TO: CONTRUL ROOM PERSONNEL

LOCATICN: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	360
Loop Temp (T Cold)	134
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 01:15

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	360
Loop Temp (T Cold)	134
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 01:30

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	360
Loop Temp (T Cold)	134
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 01:45

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	360
Loop Temp (T Cold)	134
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 02:00

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	360
Loop Temp (T Cold)	134
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 02:15

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	360
Loop Temp (T Cold)	138
Ex Core NI Power	0
11 , 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 02:30

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller --Post & leave up)

Pressurizer Level	0
Loop Temp (T Cold)	165
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 02:45

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	0
Loop Temp (T Cold)	164
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 03:00

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	0
Loop Temp (T Cold)	171
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 03:15

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	0
Loop Temp (T Cold)	178
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 03:30

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	0
Loop Temp (T Cold)	186
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 03:45

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	0
Loop Temp (T Cold)	194
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 04:00

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	0
Loop Temp (T Cold)	602
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 04:15

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller -Post & leave up)

Pressurizer Level	17
Loop Temp (T Cold)	210
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	121
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 04:30

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	35
Loop Temp (T Cold)	218
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 04:45

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	54
Loop Temp (T Cold)	226
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 04:30

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	35
Loop Temp (T Cold)	218
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 04:45

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post ; leave up)

Pressurizer Level	54
Loop Temp (T Cold)	226
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 05:00

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	73
Loop Temp (T Cold)	234
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 05:15

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	148
Loop Temp (T Cold)	243
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 05:30

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	308
Loop Temp (T Cold)	250
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 05:45

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	360
Loop Temp (T Cold)	256
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	N/A

* THIS IS A DRILL *

CALVERT CLIFFS NUCLEAR POWER PLANT

EMERGENCY RESPONSE DRILL/EXERCISE

U-1 STRIP CHART DATA

SCENARIO TIME 06:00

TO: CONTROL ROOM PERSONNEL

LOCATION: CONTROL ROOM

MESSAGE: STRIP CHART DATA (Controller--Post & leave up)

Pressurizer Level	360
Loop Temp (T Cold)	261
Ex Core NI Power	0
11 / 12 Steam Generator Level	63.5
Containment H2 Concentration	0
Volume Control Tank Level	101
RVLMS Indication	NA

* THIS IS A DRILL *

UNIT 2 OPERATIONAL DATA

Controller Note: Unit 2 data will reflect an expeditious (~10%/hour) shutdown of the Unit. Operations personnel may select a rate different than the data provided. If so, acknowledge the decision and provide data from the set provided.

If questions arise contact Lead Controller as necessary. @ Ext. 4341, 4342 or 6682.

Scenario Time: 00:00

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	53
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	53
2L110X	0 to 360 IN.	Press. Level Hot	215
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	597
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	597
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	547
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	547
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	547
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	547
2N009	0 to 125 PCNT	Thermal Power	100
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	881
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	881
2F311	0 to 300 GPM	HPSI ow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 25 ? GPM	LPSI Flow to Loop 22B	0
2F332	0 to 250? GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	5900
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	5900
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	154
2TXX	70 to 1762 DEGF	ICI Temp.	587

587

Scenario Time: 00:15

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	53
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	53
2L110X	0 to 360 IN.	Press. Level Hot	215
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	596
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	596
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	547
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	547
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	547
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	547
2N009	0 to 125 PCNT	Thermal Power	100
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	875
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	875
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	5750
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	5750
2L5603	1.00 to [illegible] FT.	Conds. Stor. TK 21 Level	32
2L5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	154
2TXX	70 to 1762 DEGF	ICI Temp.	586

Scenario Time: 00:30

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	54
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	54
2L110X	0 to 360 IN.	Press. Level Hot	214
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	595
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	595
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	547
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	547
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	547
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	547
2N009	0 to 125 PCNT	Thermal Power	94
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	880
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	880
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	5560
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	5560
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	154
2TXX	70 to 1762 DEGF	ICI Temp.	585

Scenario Time: 00:30

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	54
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	54
2L110X	0 to 360 IN.	Press. Level Hot	214
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	595
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	595
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	547
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	547
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	547
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	547
2N009	0 to 125 PCNT	Thermal Power	94
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	880
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	880
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F414B	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	5560
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	5560
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
OA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
OR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	154
2TXX	70 to 1762 DEGF	ICI Temp.	585

Scenario Time: 00:45

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	58
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	58
2L110X	0 to 360 IN.	Press. Level Hot	213
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	592
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	592
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	546
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	546
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	546
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	546
2N009	0 to 125 PCNT	Thermal Power	91
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	883
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	883
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
22332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F111.	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	5260
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	5260
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	126
2TXX	70 to 1762 DEGF	ICI Temp.	582

Scenario Time: 01:00

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	58
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	58
2L110X	0 to 360 IN.	Press. Level Hot	210
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	590
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	590
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	546
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	546
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	546
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	546
2N009	0 to 125 PCNT	Thermal Power	88
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	882
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	882
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	5150
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	5150
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	98
2TXX	70 to 1762 DEGF	ICI Temp.	581

Scenario Time: 01:15

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	63
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	63
2L110X	0 to 360 IN.	Press. Level Hot	208
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	588
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	588
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	546
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	546
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	546
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	546
22009	0 to 125 PCNT	Thermal Power	85
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	882
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	882
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
22331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	4950
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	4950
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
OA6519	0.00 to 10 PCNT	Cntmt N2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
OR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump F. ... Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	70
2TXX	70 to 1762 DEGF	ICI Temp.	579

Scenario Time: 01:30

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	65
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	65
2L110X	0 to 360 IN.	Press. Level Hot	204
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	586
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	586
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	545
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	545
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	545
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	545
2N009	0 to 125 PCNT	Thermal Power	82
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	881
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	881
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	4800
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	4800
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	42
2TXX	70 to 1762 DEGF	ICI Temp.	578

Scenario Time: 01:45

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	67
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	67
2L110X	0 to 360 IN.	Press. Level Hot	203
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	583
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	583
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	544
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	544
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	544
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	544
2N009	0 to 125 PCNT	Thermal Power	79
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	880
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	880
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
22322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PS G	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	4600
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	4600
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	0
2TXX	70 to 1762 DEGF	ICI Temp.	577

Scenario Time: 02:00

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	70
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	70
2L110X	0 to 360 IN.	Press. Level Hot	199
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	581
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	581
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	544
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	544
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	544
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	544
21N009	0 to 125 PCNT	Thermal Power	76
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	882
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	882
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
22321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	4400
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	4400
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flo[illegible]te	25
2RXX1,2,3,4	0.4 to 350 MV	NI In-Core	0
2TXX	70 to 1762 DEGF	ICI Temp.	575

Scenario Time: 02:15

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	72
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	72
2L110X	0 to 360 IN.	Press. Level Hot	197
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	580
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	580
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	543
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	543
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	543
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	543
2NDD9	0 to 125 PCNT	Thermal Power	73
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	880
2P1023	0 to 1200 PSIG	Steam Generator Press. 12	880
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2Z4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	4250
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	4250
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	0
2TXX	70 to 1762 DEGF	ICI Temp.	576

Scenario Time: 02:30

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	75
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	75
2L119X	0 to 360 IN.	Press. Level Hot	194
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	578
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	578
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	543
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	543
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	543
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	543
2N009	0 to 125 PCNT	Thermal Power	70
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	881
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	881
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	4070
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	4070
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	0
2TXX	70 to 1762 DEGF	ICI Temp.	572

Scenario Time: 02:45

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	77
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	77
2L110X	0 to 360 IN.	Press. Level Hot	192
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	576
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	576
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	543
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	543
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	543
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	543
2W009	0 to 125 PCNT	Thermal Power	67
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	882
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	882
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	3950
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	3950
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A651P	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	0
2TXX	70 to 1762 DEGF	ICI Temp.	571

Scenario Time: 03:00

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	79
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	79
2L110X	0 to 360 IN.	Press. Level Hot	189
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	574
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	574
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	542
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	542
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	542
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	542
2N009	0 to 125 PCNT	Thermal Power	64
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	882
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	882
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	3700
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	3700
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	0
2TXX	70 to 1762 DEGF	ICI Temp.	570

Scenario Time: 03:15

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	82
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	82
2L110X	0 to 360 IN.	Press. Level Hot	186
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	572
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	572
2T112A	212 [illegible] DEGF	RCS Cold Leg Temp. Loop 21A	542
2T112B	212 to [illegible] DEGF	RCS Cold Leg Temp. Loop 21B	542
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	542
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	542
2N009	0 to 125 PCNT	Thermal Power	61
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	882
2P1027	0 to 1200 PSIG	Steam Generator Press. 22	882
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	[illegible]
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	3500
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	3500
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
DA6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
OR2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	0
2TXX	70 to 1762 DEGF	ICI Temp.	568

Scenario Time: 03:30

Point Identifier	Measurement Range	Instrument Name	Value
2F[illegible]1A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	85
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	85
2L110X	0 to 360 IN.	Press. Level Hot	184
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	570
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	570
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	541
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	541
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	541
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	541
2N009	0 to 125 PCNT	Thermal Power	58
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	880
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	880
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 11 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	3400
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	3400
7L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A651	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	0
2TXX	70 to 1762 DEGF	ICI Temp.	567

Scenario Time: 03:45

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	87
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	87
2L110X	0 to 360 IN.	Press. Level Hot	182
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	568
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	568
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	541
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	541
[illegible]22C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	541
[illegible]	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	541
[illegible]	0 to 125 PCNT	Thermal Power	55
[illegible]	-116.5 to 63.5 IN.	Steam Generator Level 21	0
[illegible]	-116.5 to 63.5 IN.	Steam Generator Level 22	0
[illegible]	0 to 1200 PSIG	Steam Generator Press. 21	882
[illegible]	0 to 1200 PSIG	Steam Generator Press. 12	882
[illegible]	0 to 300 GPM	HPSI Flow to Loop 21A	0
[illegible]21	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P[illegible]5[illegible]	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	3250
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	3250
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	0
2TXX	70 to 1762 DEGF	ICI Temp.	566

Scenario Time: 04:00

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	90
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	90
2L110X	0 to 360 IN.	Press. Level Hot	179
2P10_	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	565
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	565
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	540
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	540
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	540
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	540
2N009	0 to 125 PCNT	Thermal Power	52
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	880
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	880
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	23
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	3100
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	3100
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	0
2TXX	70 to 1762 DEGF	ICI Temp.	564

Scenario Time: 04:15

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	93
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	93
2L110X	0 to 360 IN.	Press. Level Hot	177
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	564
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	564
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	540
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	540
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	540
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	540
2WR09	0 to 125 PCNT	Thermal Power	49
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	880
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	880
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	PSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	2900
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	2900
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	0
2TXX	70 to 1762 DEGF	ICI Temp.	563

Scenario Time: 04:30

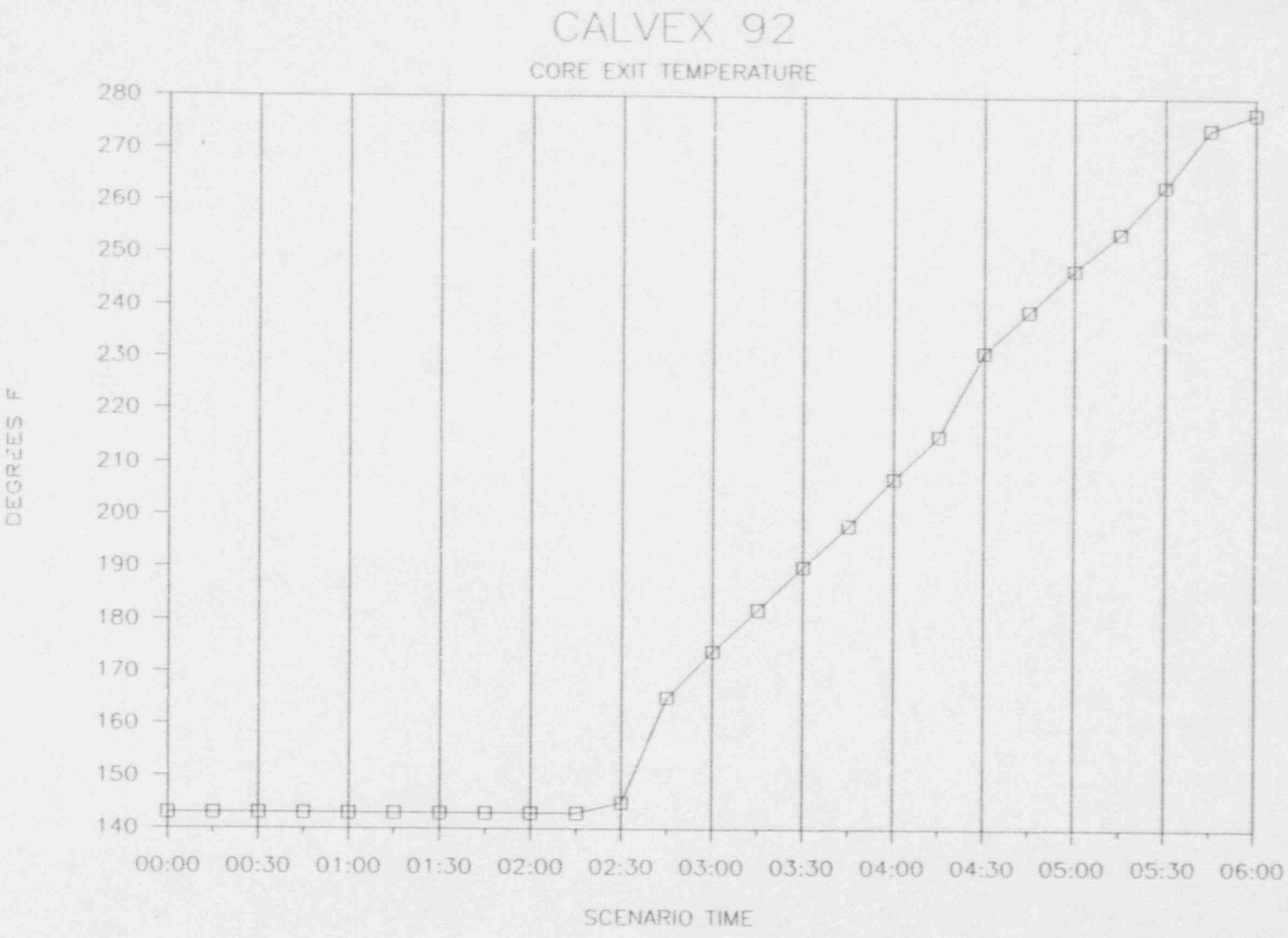
Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	96
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	96
2L110X	0 to 360 IN.	Press. Level Hot	175
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	562
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	562
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	539
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	539
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	539
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	539
2N009	0 to 125 PCNT	Thermal Power	46
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	881
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	881
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3815	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	2670
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	2670
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 196? SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	0
2TXX	70 to 1752 DEGF	ICI Temp.	561

Scenario Time: 04:45

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	99
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	99
2L110X	0 to 360 IN.	Press. Level Hot	173
2P105A	0 to 4000 PSIA	Pressurizer Pressure	2250
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	559
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	559
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	539
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	539
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	539
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	539
2N009	0 to 125 PCNT	Thermal Power	43
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	881
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	881
2F311	0 to 300 GPM	HPSI Flow to Loop 21A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 to 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	0
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	0
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	0
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	2500
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	2500
2L5603	1.00 to 34 FT.	Condsate. Stor. TK 21 Level	32
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	0.5
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	25
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	0
2TXX	70 to 1762 DEGF	ICI Temp.	559

Scenario Time: 05:00

Point Identifier	Measurement Range	Instrument Name	Value
2F111A	0 to 100 PCNT	RCS Flow Loop 21	100
2F121A	0 to 100 PCNT	RCS Flow Loop 22	100
2A11	0 to 1000 DEGF	Subcooled Marg. Loop 21	85
2A12	0 to 1000 DEGF	Subcooled Marg. Loop 22	85
2L110X	0 to 360 IN.	Press. Level Hot	110
2P105A	0 to 4000 PSIA	Pressurizer Pressure	1850
2T112H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 21	559
2T122H	212 to 705 DEGF	RCS Hot Leg Temp. Loop 22	559
2T112A	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21A	539
2T112B	212 to 705 DEGF	RCS Cold Leg Temp. Loop 21B	539
2T122C	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22A	539
2T122D	212 to 705 DEGF	RCS Cold Leg Temp. Loop 22B	539
2N009	0 to 125 PCNT	Thermal Power	40
2L1105	-116.5 to 63.5 IN.	Steam Generator Level 21	0
2L1106	-116.5 to 63.5 IN.	Steam Generator Level 22	0
2P1013	0 to 1200 PSIG	Steam Generator Press. 21	930
2P1023	0 to 1200 PSIG	Steam Generator Press. 22	930
2F311	0 to 300 GPM	HPSI Flow to Loop 2 A	0
2F321	0 to 300 GPM	HPSI Flow to Loop 21B	0
2F331	0 to 300 GPM	HPSI Flow to Loop 22A	0
2F341	0 to 300 GPM	HPSI Flow to Loop 22B	0
2F312	0 to 2500 GPM	LPSI Flow to Loop 21A	0
2F322	0 to 2500 GPM	LPSI Flow to Loop 21B	0
2F332	0 to 2500 GPM	LPSI Flow to Loop 22A	0
2F342	0 to 2500 GPM	LPSI Flow to Loop 22B	0
2F4148	0 to 2000 GPM	Cnmt. Spray HDR 21 Flow	0
2F4149	0 to 2000 GPM	Cnmt. Spray HDR 22 Flow	0
2F306	0 to 8000 GPM	LPSI Flow Control	0
2F212	0 t 150 GPM	Chrg. PPS Disch. Flow	88
2P3814	0 to 150 PSIG	Comp. CLG PP 21 Disch.	82
2P3816	0 to 150 PSIG	Comp. CLG PP 22 Disch.	82
2T303X	0 to 400 DEGF	S/D HX 21 Outlet Temp.	90
2T303Y	0 to 400 DEGF	S/D HX 22 Outlet Temp.	90
2L4143	0.00 to 40 FT.	Refuel Water Tank 21 Lev.	39
2P1573	0.0 to 150 PSIG	Serv. WTR HDR 21 Press.	95
2P5203	0.00 to 60. PSIG	Salt WTR PP HDR 22 Press.	26
2P5204	0.00 to 60. PSIG	Salt WTR PP HDR 21 Press.	26
2F4509	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 21	150
2F4510	0.0 to 750 GPM	Aux Feed Flow Stm. Gen. 22	150
2F1111	0 to 6000 KLB/HR	Feed Flow to STM GEN 21	0
2F1121	0 to 6000 KLB/HR	Feed Flow to STM GEN 22	0
2L5603	1.00 to 34 FT.	Conds. Stor. TK 21 Level	31.9
2P5310	-5.0 to 150 PSIG	Cntmt Pressure	1.7
0A6519	0.00 to 10 PCNT	Cntmt H2 Concentration	0
2R5410	10-1,000,000 CPM	Waste Proc. Area Rad Mon.	60
0R2201	10-1,000,000 CPM	Liquid Waste Disc Rad Mon.	3000
2F1752	0 to 1967 SCFM	Cond. Vac Pump Flow Rate	0
2RXX1,2,3,4	0.4 to 350 MV	RH In-Core	0
2TXX	70 to 1762 DEGF	ICI Temp.	560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200
190
180
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00:00
00:30
01:00
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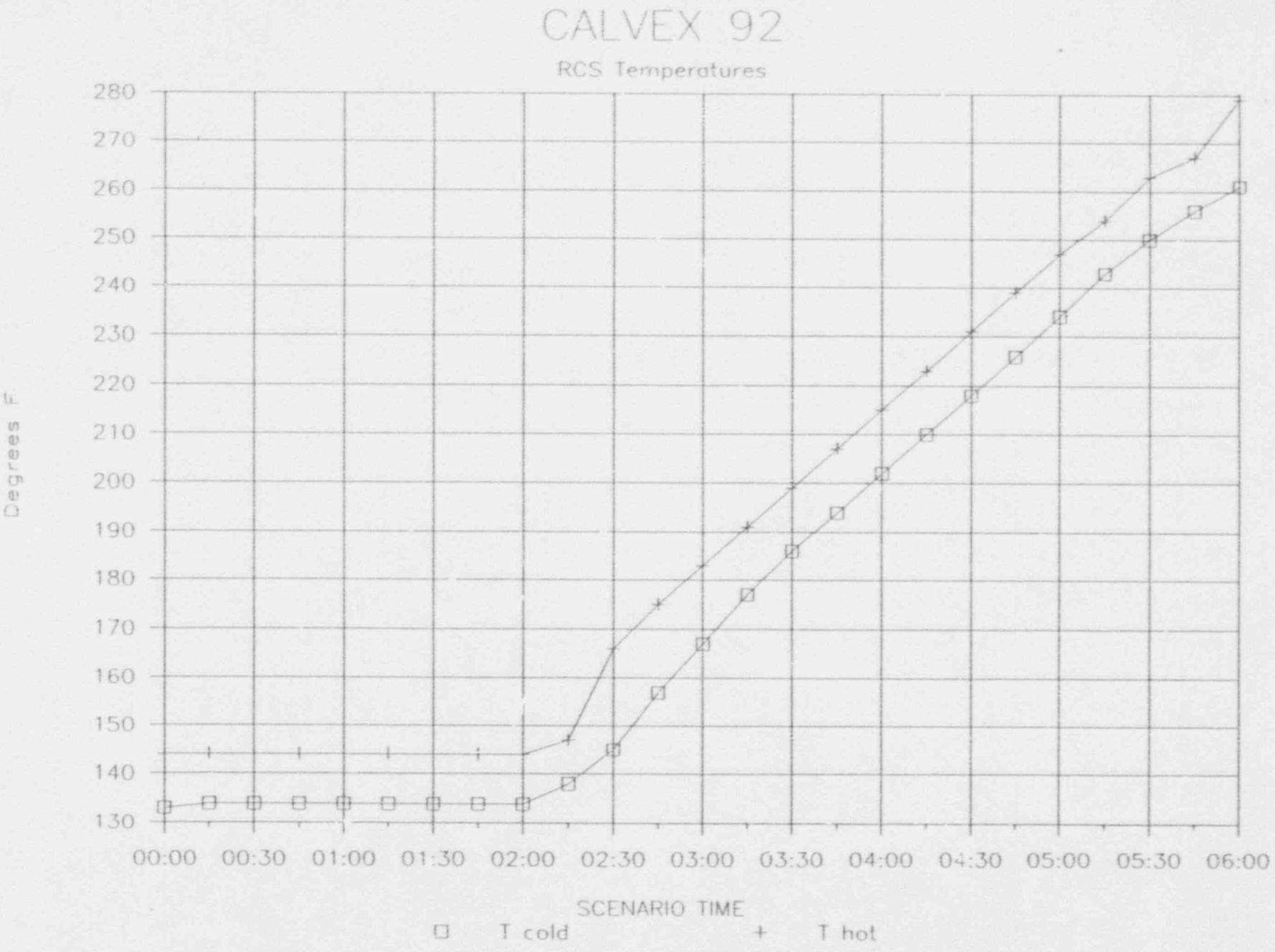
03:30
04:00
04:30
05:00
05:30
06:00
SCENARIO TIME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RCS Temperatures
280
270
260
250
240
230
220
210
200
190
180
170
160
150
140
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00:00
00:30
01:00
01:30
02:00
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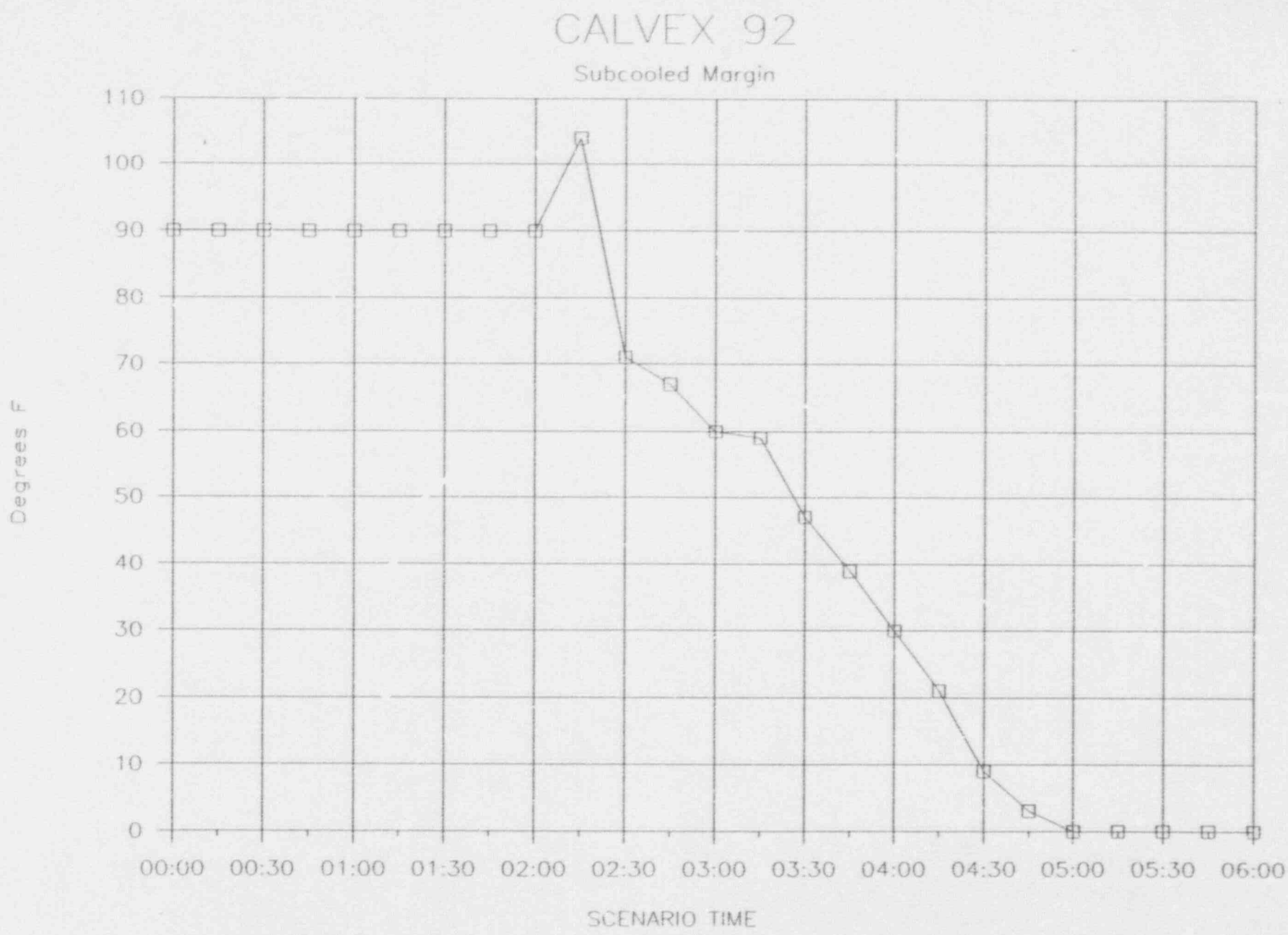
04:00
04:30
05:00
05:30
06:00
SCENARIO TIME
T cold
T hot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110
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90
80
70
60
50
40
30
20
10
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Degrees F
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00:30
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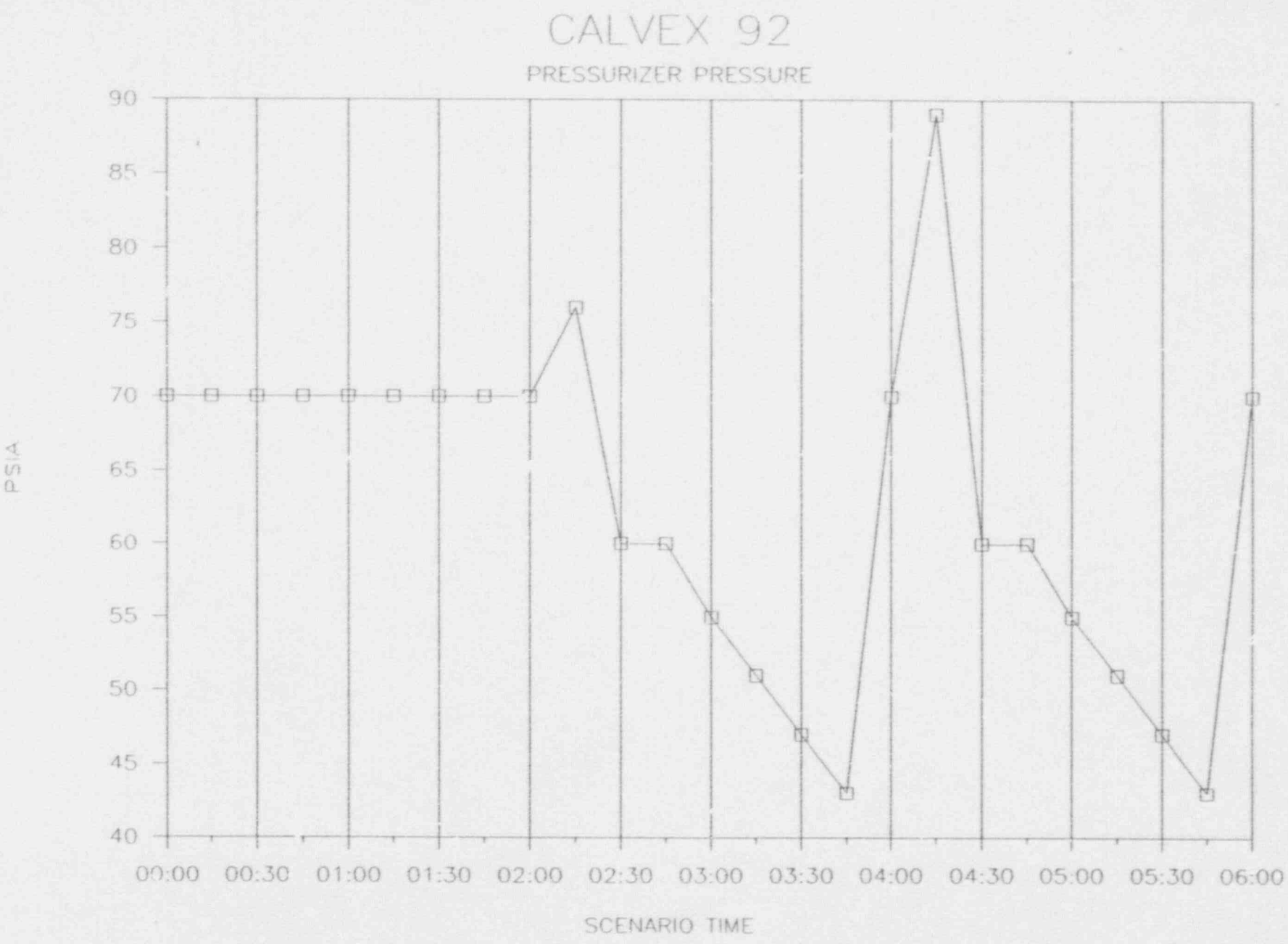
06:00
SCENARIO TIME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90
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04:00
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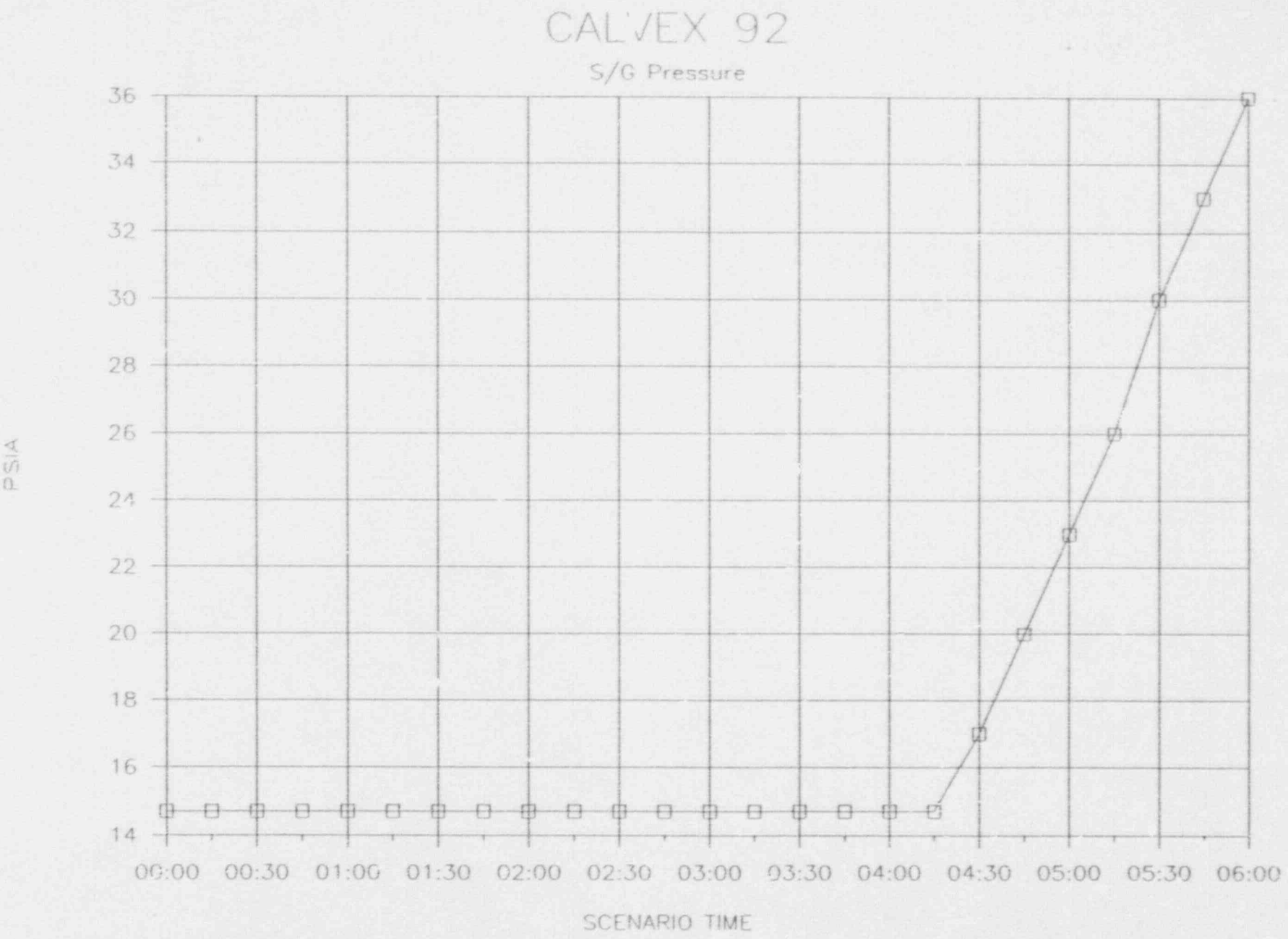
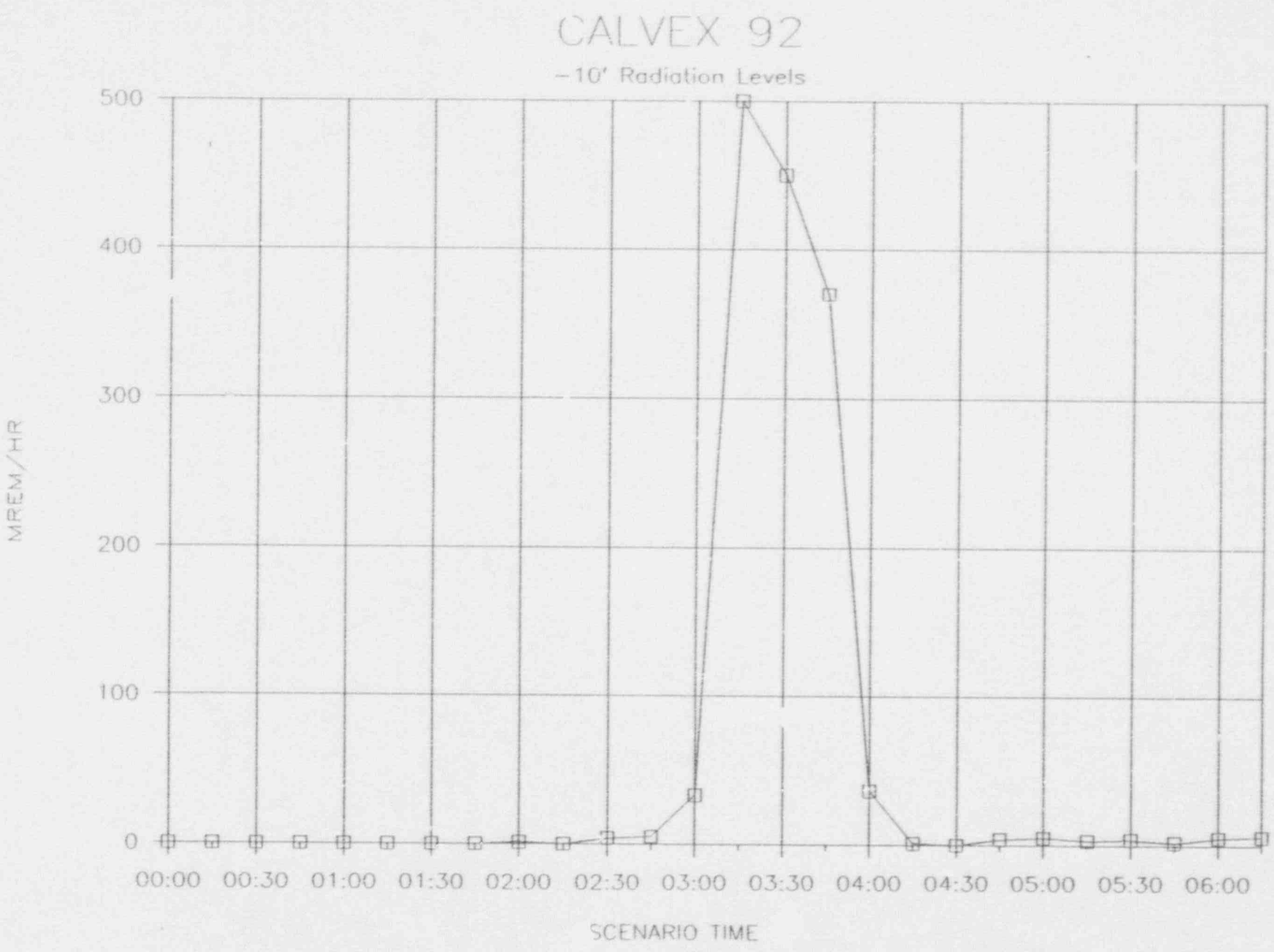
05:30
06:00
SCENARIO TIME


CAL'VEX 92
S/G Pressure
36
34
32
30
28
26
24
22
20
18
16
14
PSIA
00:00
00:30
01:00
01:30
02:00
02:30
03:00
03:30
04:00
04:30
05:00
05:30
06:00
SCENARIO TIME


CALVEX 92
-10' Radiation Levels
500
400
300
200
100
0
MREM/HR
00:00
00:30
01:00
01:30
02:00
02:30
03:00
03:30
04:00
04:30
05:00
05:30
06:00
SCENARIO TIME

RADIOASSAY WORKSHEET

DATE 8-17-92 DAY OF WEEK: (M) T W Th F S Su (circle one

MODE: U-1 5 U-2 1 %RX PWR OR RCS TEMP: U-1 145° U-2 100%

RCS ACTIVITIES:	FREQ.	UNIT 1	UNIT 2	REMARKS
Specific Act. (uCi/gm)	1/72hrs	3.28E-3	3.22	
I.D.E. (uCi/gm)	Daily	3.10E-6	5.17E-2	Mode 5/6- 3/W
I-131/I-133 Ratio	Daily	7.83E-1	1.74E-1	
Cs-134/Cs-137 Ratio	Daily	2.93E-1		
I-131 (uCi/gm)	Daily	2.31E-6	1.37E-2	Mode 5/6- 1/W
I-132 (uCi/gm)	Daily	2.5	1.05E-1	Mode 5/6- 1/W
I-133 (uCi/gm)	Daily	2.95E-6	7.85E-2	Mode 5/6- 1/W
I-134 (uCi/gr)	Daily		1.62E-1	Mode 5/6- 1/W
I-135 (uCi/gm)	Daily		1.23E-1	Mode 5/6- 1/W
Cs-134 (uCi/cc)	Daily	2.99E-6		
Cs-137 (uCi/cc)	Daily	1.02E-5		
Cs-138 (uCi/cc)	Daily		8.84E-2	
Xe-133 (uCi/cc)	M,W,F	2.60E-3	1.94	
Xe-133m (uCi/cc)	M,W,F		5.02E-2	
Xe-135 (uCi/cc)	M,W,F	4.20E-4	3.72E-1	
Kr-85m (uCi/cc)	M,W,F	4.84E-5	7.53E-2	
Kr-87 (uCi/cc)	M,W,F		5.75E-2	
Kr-88 (uCi/cc)	M,W,F		1.20E-1	
Tritium (uCi/gm)	Tues.			
7-DAY Cs-134 (uCi/cc)	Tues.			
7-DAY Cs-137 (uCi/cc)	Tues.			
7-DAY RCS SX Saved(init)	Tues.			
TECHNICIAN [signature] Sx Time				
CDM Entry		RLM	RLM	

CONTROLLER / EVALUATOR NOTE

TWO SETS OF RADIATION MONITORING SYSTEM DATA ARE PRESENT IN THIS SCENARIO.

USE REV. 3 DATA FOR THE DRILL WHEN 11 BUS IS RESTORED THEN USE REV. 0 DATA

SCENARIO TIME 00:00

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	50	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	50	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	.001	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	100	CPM
1-RI-3819 COMPONENT COOLING	200	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.0008	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.0006	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CPM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 EAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 00:15

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	50	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	50	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	.001	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.006	R/h
1-RI-7008 ICI ARF` '1 CONT	0	R/h
1-RI-7009 REFUELL. MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	100	CPM
1-R1-3819 COMPONENT COOLING	200	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.0008	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.0006	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CPM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 00:30

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	50	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	50	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	.001	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.006	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	100	CPM
1-R1-3819 COMPONENT COOLING	200	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.0008	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.0006	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CPM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 00:45

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	50	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	50	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	.001	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.006	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	100	CPM
1-RI-3819 COMPONENT COOLING	200	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.0008	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.0006	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CPM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 01:00

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	50	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	50	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	001	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.006	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	100	CPM
1-RI-3819 COMPONENT COOLING	200	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.0008	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.0006	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CPM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 01:15

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	50	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	50	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	.001	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.006	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	100	CPM
1-RI-3819 COMPONENT COOLING	200	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.0008	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.0006	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CPM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	50	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 01:30

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 J1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	50	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	50	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	.001	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.006	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	100	CPM
1-RI-3819 COMPONENT COOLING	200	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.0008	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.0006	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CPM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 01:45

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	50	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	50	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	.001	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.006	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	100	CPM
1-RI-3819 COMPONENT COOLING	200	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.0008	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.0006	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CPM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 02:00

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	50	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	50	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	005	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	.001	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.006	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	100	CPM
1-RI-3819 COMPONENT COOLING	200	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.0008	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.0006	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CPM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CP'
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 02:15

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	50	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	50	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	.001	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	100	CPM
1-R1-3819 COMPONENT COOLING	200	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.0008	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.0006	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CPM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 02:30

1-RI-5280 U1 CONTAINMENT APD	OOS	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	OOS	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	OOS	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	OOS	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	OOS	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	OOS	R/h
1-RI-7005 12 ECCS PUMP ROOM	OOS	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	OOS	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	OOS	R/h
1-RI-7011 U1 WEST PEN ROOM	OOS	R/h
1-RI-7012 BLOWDOWN TANK AREA	OOS	R/h
1-RI-1752 CONDENSER AIR REMOVAL	OOS	CPM
1-RI-3819 COMPONENT COOLING	OOS	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	OOS	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.005	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.005	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	OOS	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	OOS	CPM
0-RI-5420 FUEL HANDLING VENT	OOS	CPM
0-RI-5350 CONTROL ROOM VENT	OOS	CPM
0-RI-5425 ACCESS CONTROL VENT	OOS	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 02:45

1-RI-5280	U1 CONTAINMENT APD	OOS	CPM
1-RI-5281	U1 CONTAINMENT GASEOUS	OOS	CPM
1-RI-5316A	U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A	U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406	U1 ECCS PUMP ROOM VENT	OOS	CPM
1-RI-5410	WASTE PROCESSING VENT	60	CPM
1-RI-5414	U1 MAIN VENT PARTICULATE	OOS	CPM
1-RI-5415	U1 MAIN VENT GASEOUS	OOS	CPM
1-RIC-5415	U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421	MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004	11 ECCS PUMP ROOM	OOS	R/h
1-RI-7005	12 ECCS PUMP ROOM	OOS	R/h
1-RI-7006	U1 NSSS SAMPLE ROOM	OOS	R/h
1-RI-7008	ICI ARE U1 CONT	0	R/h
1-RI-7009	REFUELING MACHINE	0	R/h
1-RI-7010	U1 BAST ROOM	OOS	R/h
1-RI-7011	U1 WEST PEN ROOM	OOS	R/h
1-RI-7012	BLOWDOWN TANK AREA	OOS	R/h
1-RI-1752	CONDENSER AIR REMOVAL	OOS	CPM
1-RI-3819	COMPONENT COOLING	OOS	CPM
1-RI-1595	SERVICE WATER	80	CPM
1-RI-4014	BLOWDOWN TANK	OOS	CPM
1-RI-4095	BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016	MISC WASTE RCVR TANK ROOM	.033	R/h ALARM
0-RI-7017	MISC WASTE RCVR PUMP ROOM	.033	R/h ALARM
0-RI-7018	WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019	DECON ROOM	.002	R/h
0-RI-7020	SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021	DRUM STORAGE AREA	.0005	R/h
0-RI-7022	LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023	CHEMISTRY LAB	.0002	R/h
0-RI-7024	SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025	SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026	NEW FUEL STORAGE	.0004	R/h
0-RI-7027	GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028	MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191	WASTE GAS DISCHARGE	OOS	CPM
0-RI 2201	LIQUID WASTE DISCHARGE	OOS	CPM
0-RI-5420	FUEL HANDLING VENT	OOS	CPM
0-RI-5350	CONTROL ROOM VENT	OOS	CPM
0-RI-5425	ACCESS CONTROL VENT	OOS	CPM
2-RI-5316A	U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A	U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406	U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410	WASTE PROCESSING VENT	60	CPM
2-RI-5414	U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415	U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415	U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004	21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005	22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006	U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010	U2 BAST ROOM	.004	R/h
2-RI-7011	U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 03:00

1-RI-5280	U1 CONTAINMENT APD	OOS	CPM
1-RI-5281	U1 CONTAINMENT GASEOUS	OOS	CPM
1-RI-5316A	U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A	U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406	U1 ECCS PUMP ROOM VENT	OOS	CPM
1-RI-5410	WASTE PROCESSING VENT	60	CPM
1-RI-5414	U1 MAIN VENT PARTICULATE	OOS	CPM
1-RI-5415	U1 MAIN VENT GASEOUS	OOS	CPM
1-RIC-5415	U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421	MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004	11 ECCS PUMP ROOM	OOS	R/h
1-RI-7005	12 ECCS PUMP ROOM	OOS	R/h
1-RI-7006	U1 NSSS SAMPLE ROOM	OOS	R/h
1-RI-7008	ICI AREA U1 CONT	0	R/h
1-RI-7009	REFUELING MACHINE	0	R/h
1-RI-7010	U1 BAST ROOM	OOS	R/h
1-RI-7011	U1 WEST PEN ROOM	OOS	R/h
1-RI-7012	BLOWDOWN TANK AREA	OOS	R/h
1-RI-1752	CONDENSER AIR REMOVAL	OOS	CPM
1-RI-3819	COMPONENT COOLING	OOS	CPM
1-RI-1595	SERVICE WATER	80	CPM
1-RI-4014	BLOWDOWN TANK	OOS	CPM
1-RI-4095	BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016	MISC WASTE RCVR TANK ROOM	.5	R/h ALARM
0-RI-7017	MISC WASTE RCVR PUMP ROOM	.5	R/h ALARM
0-RI-7018	WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019	DECON ROOM	.002	R/h
0-RI-7020	SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021	DRUM STORAGE AREA	.0005	R/h
0-RI-7022	LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023	CHEMISTRY LAB	.0002	R/h
0-RI-7024	SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025	SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026	NEW FUEL STORAGE	.0004	R/h
0-RI-7027	GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028	MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191	WASTE GAS DISCHARGE	8000	CPM
0-RI 2201	LIQUID WASTE DISCHARGE	OOS	CPM
0-RI-5420	FUEL HANDLING VENT	OOS	CPM
0-RI-5350	CONTROL ROOM VENT	OOS	CPM
0-RI-5425	ACCESS CONTROL VENT	OOS	CPM
2-RI-5316A	U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A	U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406	U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410	WASTE PROCESSING VENT	60	CPM
2-RI-5414	U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415	U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415	U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004	21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005	22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006	U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010	U2 BAST ROOM	.004	R/h
2-RI-7011	U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 03:15

1-RI-5280	U1 CONTAINMENT APD	OOS	CPM
1-RI-5281	U1 CONTAINMENT GASEOUS	OOS	CPM
1-RI-5316A	U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A	U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406	U1 ECCS PUMP ROOM VENT	OOS	CPM
1-RI-5410	WASTE PROCESSING VENT	60	CPM
1-RI-5414	U1 MAIN VENT PARTICULATE	OOS	CPM
1-RI-5415	U1 MAIN VENT GASEOUS	OOS	CPM
1-RIC-5415	U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421	MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004	11 ECCS PUMP ROOM	OOS	R/h
1-RI-7005	12 ECCS PUMP ROOM	OOS	R/h
1-RI-7006	U1 NSSS SAMPLE ROOM	OOS	R/h
1-RI-7008	ICI AREA U1 CONT	0	R/h
1-RI-7009	REFUELING MACHINE	0	R/h
1-RI-7010	U1 EAST ROOM	OOS	R/h
1-RI-7011	U1 WEST PEN ROOM	OOS	R/h
1-RI-7012	BLOWDOWN TANK AREA	OOS	R/h
1-RI-1752	CONDENSER AIR REMOVAL	OOS	CPM
1-RI-3819	COMPONENT COOLING	OOS	CPM
1-RI-1595	SERVICE WATER	80	CPM
1-RI-4014	BLOWDOWN TANK	OOS	CPM
1-RI-4095	BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016	MISC WASTE RCVR TANK ROOM	.45	R/h ALARM
0-RI-7017	MISC WASTE RCVR PUMP ROOM	.45	R/h ALARM
0-RI-7018	WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019	DECON ROOM	.002	R/h
0-RI-7020	SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021	DRUM STORAGE AREA	.0005	R/h
0-RI-7022	LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023	CHEMISTRY LAB	.0002	R/h
0-RI-7024	SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025	SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026	NEW FUEL STORAGE	.0004	R/h
0-RI-7027	GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028	MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191	WASTE GAS DISCHARGE	OOS	CPM
0-RI 2201	LIQUID WASTE DISCHARGE	OOS	CPM
0-RI-5420	FUEL HANDLING VENT	OOS	CPM
0-RI-5350	CONTROL ROOM VENT	OOS	CPM
0-RI-5425	ACCESS CONTROL VENT	OOS	CPM
2-RI-5316A	U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A	U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406	U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410	WASTE PROCESSING VENT	60	CPM
2-RI-5414	U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415	U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415	U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004	21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005	22 ECCS PUMP ROOM	.0001	R/
2-RI-7006	U2 NSSS SAMPLE ROOM	.0006	
2-RI-7010	U2 EAST ROOM	.004	
2-RI-7011	U2 WEST PEN ROOM	.001	

SCENARIO TIME 03:30

1-RI-5280	U1 CONTAINMENT APD	OOS	CPM
1-RI-5281	U1 CONTAINMENT GASEOUS	OOS	CPM
1-RI-5316A	U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A	U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406	U1 ECCS PUMP ROOM VENT	OOS	CPM
1-RI-5410	WASTE PROCESSING VENT	60	CPM
1-RI-5414	U1 MAIN VENT PARTICULATE	OOS	CPM
1-RI-5415	U1 MAIN VENT GASEOUS	OOS	CPM
1-RIC-5415	U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421	MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004	11 ECCS PUMP ROOM	OOS	R/h
1-RI-7005	12 ECCS PUMP ROOM	OOS	R/h
1-RI-7006	U1 NSSS SAMPLE ROOM	OOS	R/h
1-RI-7008	ICI AREA U1 CONT	0	R/h
1-RI-7009	REFUELING MACHINE	0	R/h
1-RI-7010	U1 BAST ROOM	OOS	R/h
1-RI-7011	U1 WEST PEN ROOM	OOS	R/h
1-RI-7012	BLOWDOWN TANK AREA	OOS	R/h
1-RI-1752	CONDENSER AIR REMOVAL	OOS	CPM
1-RI-3819	COMPONENT COOLING	OOS	CPM
1-RI-1595	SERVICE WATER	80	CPM
1-RI-4014	BLOWDOWN TANK	OOS	CPM
1-RI-4095	BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016	MISC WASTE RCVR TANK ROOM	.371	R/h ALARM
0-RI-7017	MISC WASTE RCVR PUMP ROOM	.371	R/h ALARM
0-RI-7018	WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019	DECON ROOM	.002	R/h
0-RI-7020	SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021	DRUM STORAGE AREA	.0005	R/h
0-RI-7022	LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023	CHEMISTRY LAB	.0002	R/h
0-RI-7024	SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025	SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026	NEW FUEL STORAGE	.0004	R/h
0-RI-7027	GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028	MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191	WASTE GAS DISCHARGE	OOS	CPM
0-RI 2201	LIQUID WASTE DISCHARGE	OOS	CPM
0-RI-5420	FUEL HANDLING VENT	OOS	CPM
0-RI-5350	CONTROL ROOM VENT	OOS	CPM
0-RI-5425	ACCESS CONTROL VENT	OOS	CPM
2-RI-5316A	U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A	U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406	U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410	WASTE PROCESSING VENT	60	CPM
2-RI-5414	U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415	U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415	U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004	21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005	22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006	U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010	U2 BAST ROOM	.004	R/h
2-RI-7011	U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 03:45

1-RI-5280	U1 CONTAINMENT APD	OOS	CPM
1-RI-5281	U1 CONTAINMENT GASEOUS	OOS	CPM
1-RI-5316A	U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A	U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406	U1 ECCS PUMP ROOM VENT	OOS	CPM
1-RI-5410	WASTE PROCESSING VENT	60	CPM
1-RI-5414	U1 MAIN VENT PARTICULATE	OOS	CPM
1-RI-5415	U1 MAIN VENT GASEOUS	OOS	CPM
1-RIC-5415	U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421	MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004	11 ECCS PUMP ROOM	OOS	R/h
1-RI-7005	12 ECCS PUMP ROOM	OOS	R/h
1-RI-7006	U1 NSSS SAMPLE ROOM	OOS	R/h
1-RI-7008	ICI AREA U1 CONT	0	R/h
1-RI-7009	REFUELING MACHINE	0	R/h
1-RI-7010	U1 BAST ROOM	OOS	R/h
1-RI-7011	U1 WEST PEN ROOM	OOS	R/h
1-RI-7012	BLOWDOWN TANK AREA	OOS	R/h
1-RI-1752	CONDENSER AIR REMOVAL	OOS	CPM
1-RI-3819	COMPONENT COOLING	OOS	CPM
1-RI-4595	SERVICE WATER	80	CPM
1-RI-4014	BLOWDOWN TANK	OOS	CPM
1-RI-4095	BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016	MISC WASTE RCVR TANK ROOM	.036	R/h ALARM
0-RI-7017	MISC WASTE RCVR PUMP ROOM	.036	R/h ALARM
0-RI-7018	WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019	DECON ROOM	.002	R/h
0-RI-7020	SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021	DRUM STORAGE AREA	.0005	R/h
0-RI-7022	LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023	CHEMISTRY LAB	.0002	R/h
0-RI-7024	SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025	SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026	NEW FUEL STORAGE	.0004	R/h
0-RI-7027	GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028	MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191	WASTE GAS DISCHARGE	OOS	CPM
0-RI 2201	LIQUID WASTE DISCHARGE	OOS	CPM
0-RI-5420	FUEL HANDLING VENT	OOS	CPM
0-RI-5350	CONTROL ROOM VENT	OOS	CPM
0-RI-5425	ACCESS CONTROL VENT	OOS	CPM
2-RI-5316A	U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A	U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406	U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410	WASTE PROCESSING VENT	60	CPM
2-RI-5414	U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415	U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415	U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004	21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005	22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006	U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010	U2 BAST ROOM	.004	R/h
2-RI-7011	U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 04:00

1-RI-5280	U1 CONTAINMENT APD	OOS	CPM
1-RI-5281	U1 CONTAINMENT GASEOUS	OOS	CPM
1-RI-5316A	U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A	U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406	U1 ECCS PUMP ROOM VENT	OOS	CPM
1-RI-5410	WASTE PROCESSING VENT	60	CPM
1-RI-5414	U1 MAIN VENT PARTICULATE	OOS	CPM
1-RI-5415	U1 MAIN VENT GASEOUS	OOS	CPM
1-RIC-5415	U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421	MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004	11 ECCS PUMP ROOM	OOS	R/h
1-RI-7005	12 ECCS PUMP ROOM	OOS	R/h
1-RI-7006	U1 NSSS SAMPLE ROOM	OOS	R/h
1-RI-7008	ICI AREA U1 CONT	0	R/h
1-RI-7009	REFUELING MACHINE	0	R/h
1-RI-7010	U1 BAST ROOM	OOS	R/h
1-RI-7011	U1 WEST PEN ROOM	OOS	R/h
1-RI-7012	BLOWDOWN TANK AREA	OOS	R/h
1-RI-1752	CONDENSER AIR REMOVAL	OOS	CPM
1-RI-3019	COMPONENT COOLING	OOS	CPM
1-RI-3595	SERVICE WATER	80	CPM
1-RI-4014	BLOWDOWN TANK	OOS	CPM
1-RI-4095	BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016	MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017	MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018	WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019	DECON ROOM	.002	R/h
0-RI-7020	SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021	DRUM STORAGE AREA	.0005	R/h
0-RI-7022	LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023	CHEMISTRY LAB	.0002	R/h
0-RI-7024	SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025	SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026	NEW FUEL STORAGE	.0004	R/h
0-RI-7027	GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028	MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191	WASTE GAS DISCHARGE	OOS	CPM
0-RI 2201	LIQUID WASTE DISCHARGE	OOS	CPM
0-RI-5420	FUEL HANDLING VENT	OOS	CPM
0-RI-5350	CONTROL ROOM VENT	OOS	CPM
0-RI-5425	ACCESS CONTROL VENT	OOS	CPM
2-RI-5316A	U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A	U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406	U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410	WASTE PROCESSING VENT	60	CPM
2-RI-5414	U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415	U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415	U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004	21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005	22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006	U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010	U2 BAST ROOM	.004	R/h
2-RI-7011	U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 04:15

1-RI-5280 U1 CONTAINMENT APD	OOS	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	OOS	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	OOS	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	OOS	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	OOS	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	OOS	R/h
1-RI-7005 12 ECCS PUMP ROOM	OOS	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	OOS	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	OOS	R/h
1-RI-7011 U1 WEST PEN ROOM	OOS	R/h
1-RI-7012 BLOWDOWN TANK AREA	OOS	R/h
1-RI-1752 CONDENSER AIR REMOVAL	OOS	CPM
1-RI-3819 COMPONENT COOLING	OOS	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	OOS	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	OOS	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	OOS	CPM
0-RI-5420 FUEL HANDLING VENT	OOS	CPM
0-RI-5350 CONTROL ROOM VENT	OOS	CPM
0-RI-5425 ACCESS CONTROL VENT	OOS	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 04:30

1-RI-5280 U1 CONTAINMENT APD	OOS	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	OOS	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	OOS	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	OOS	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	OOS	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	OOS	R/h
1-RI-7005 12 ECCS PUMP ROOM	OOS	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	OOS	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	OOS	R/h
1-RI-7011 U1 WEST PEN ROOM	OOS	R/h
1-RI-7012 BLOWDOWN TANK AREA	OOS	R/h
1-RI-1752 CONDENSER AIR REMOVAL	OOS	CPM
1-RI-3819 COMPONENT COOLING	OOS	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	OOS	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	OOS	CPM
0-RI-2201 LIQUID WASTE DISCHARGE	OOS	CPM
0-RI-5420 FUEL HANDLING VENT	OOS	CPM
0-RI-5350 CONTROL ROOM VENT	OOS	CPM
0-RI-5425 ACCESS CONTROL VENT	OOS	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 04:45

1-RI-5280 U1 CONTAINMENT APD	OOS	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	OOS	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	OOS	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	OOS	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	OOS	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	OOS	R/h
1-RI-7005 12 ECCS PUMP ROOM	OOS	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	OOS	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	OOS	R/h
1-RI-7011 U1 WEST PEN ROOM	OOS	R/h
1-RI-7012 BLOWDOWN TANK AREA	OOS	R/h
1-RI-1752 CONDENSER AIR REMOVAL	OOS	CPM
1-RI-3819 COMPONENT COOLING	OOS	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	OOS	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.085	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	OOS	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	OOS	CPM
0-RI-5420 FUEL HANDLING VENT	OOS	CPM
0-RI-5350 CONTROL ROOM VENT	OOS	CPM
0-RI-5425 ACCESS CONTROL VENT	OOS	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 05:00

1-RI-5280 U1 CONTAINMENT APD	OOS	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	OOS	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	OOS	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	OOS	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	OOS	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	OOS	R/h
1-RI-7005 12 ECCS PUMP ROOM	OOS	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	OOS	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	OOS	R/h
1-RI-7011 U1 WEST PEN ROOM	OOS	R/h
1-RI-7012 BLOWDOWN TANK AREA	OOS	R/h
1-RI-1752 CONDENSER AIR REMOVAL	OOS	CPM
1-RI-2819 COMPONENT COOLING	OOS	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	OOS	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	OOS	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	OOS	CPM
0-RI-5420 FUEL HANDLING VENT	OOS	CPM
0-RI-5350 CONTROL ROOM VENT	OOS	CPM
0-RI-5425 ACCESS CONTROL VENT	OOS	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 05:15

1-RI-5280 U1 CONTAINMENT APD	OOS	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	OOS	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	OOS	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	OOS	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	OOS	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	OOS	R/h
1-RI-7005 12 ECCS PUMP ROOM	OOS	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	OOS	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	OOS	R/h
1-RI-7011 U1 WEST PEN ROOM	OOS	R/h
1-RI-7012 BLOWDOWN TANK AREA	OOS	R/h
1-RI-1752 CONDENSER AIR REMOVAL	OOS	CPM
1-RI-3819 COMPONENT COOLING	OOS	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	OOS	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	OOS	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	OOS	CPM
0-RI-5420 FUEL HANDLING VENT	OOS	CPM
0-RI-5350 CONTROL ROOM VENT	OOS	CPM
0-RI-5425 ACCESS CONTROL VENT	OOS	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 05:30

1-RI-5280 U1 CONTAINMENT APD	OOS	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	OOS	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	OOS	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	OOS	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	OOS	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	OOS	R/h
1-RI-7005 12 ECCS PUMP ROOM	OOS	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	OOS	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	OOS	R/h
1-RI-7011 U1 WEST PEN ROOM	OOS	R/h
1-RI-7012 BLOWDOWN TANK AREA	OOS	R/h
1-RI-1752 CONDENSER AIR REMOVAL	OOS	CPM
1-R1-3819 COMPONENT COOLING	OOS	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	OOS	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	OOS	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	OOS	CPM
0-RI-5420 FUEL HANDLING VENT	OOS	CPM
0-RI-5350 CONTROL ROOM VENT	OOS	CPM
0-RI-5425 ACCESS CONTROL VENT	OOS	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 05:45

1-RI-5280 U1 CONTAINMENT APD	OOS	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	OOS	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	OOS	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	OOS	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	OOS	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	OOS	R/h
1-RI-7005 12 ECCS PUMP ROOM	OOS	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	OOS	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	OOS	R/h
1-RI-7011 U1 WEST PEN ROOM	OOS	R/h
1-RI-7012 BLOWDOWN TANK AREA	OOS	R/h
1-RI-1752 CONDENSER AIR REMOVAL	OOS	CPM
1-RI-3819 COMPONENT COOLING	OOS	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	OOS	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	OOS	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	OOS	CPM
0-RI-5420 FUEL HANDLING VENT	OOS	CPM
0-RI-5350 CONTROL ROOM VENT	OOS	CPM
0-RI-5425 ACCESS CONTROL VENT	OOS	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 06:00

1-RI-5280 U1 CONTAINMENT APD	OOS	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	OOS	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	OOS	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	OOS	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	OOS	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	OOS	R/h
1-RI-7005 12 ECCS PUMP ROOM	OOS	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	OOS	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	OOS	R/h
1-RI-7011 U1 WEST PEN ROOM	OOS	R/h
1-RI-7012 BLOWDOWN TANK AREA	OOS	R/h
1-RI-1752 CONDENSER AIR REMOVAL	OOS	CPM
1-RI-3819 COMPONENT COOLING	OOS	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	OOS	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	OOS	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	OOS	CPM
0-RI-5420 FUEL HANDLING VENT	OOS	CPM
0-RI-5350 CONTROL ROOM VENT	OOS	CPM
0-RI-5425 ACCESS CONTROL VENT	OOS	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

C O N T R O L L E R / E V A L U A T O R N O T E

T W O S E T S O F R A D I A T I O N
M O N I T O R I N G S Y S T E M D A T A A R E
P R E S E N T I N T H I S S C E N A R I O .

U S F R E V . 3 D A T A F O R T H E D R I L L
W H E N 1 1 B U S I S R E S T O R E D T H E N
U S E R E V . 0 D A T A

SCENARIO TIME 02:00

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	50	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	50	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	.001	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	100	CPM
1-RI-3819 COMPONENT COOLING	200	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.0008	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.0006	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CFM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 02:15

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	508	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	62	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	.004	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	0	CPM
1-R1-3819 COMPONENT COOLING	200	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.0008	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.0006	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CPM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 02:30

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	4580	CPM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	151	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	.005	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	0	CPM
1-RI-3819 COMPONENT COOLING	200	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.005	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.005	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTPY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CPM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 02:45

1-RI-5280	U1 CONTAINMENT APD	100	CPM
1-RI-5281	U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A	U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A	U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406	U1 ECCS PUMP ROOM VENT	1.2E5	CPM ALARM
1-RI-5410	WASTE PROCESSING VENT	60	CPM
1-RI-5414	U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415	U1 MAIN VENT GASEOUS	2580	CPM ALARM
1-RIC-5415	U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421	MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004	11 ECCS PUMP ROOM	.001	R/h
1-RI-7005	12 ECCS PUMP ROOM	.033	R/h ALARM
1-RI-7006	U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008	ICI AREA U1 CONT	0	R/h
1-RI-7009	REFUELING MACHINE	0	R/h
1-RI-7010	U1 BAST ROOM	.004	R/h
1-RI-7011	U1 WEST PEN ROOM	.035	R/h
1-RI-7012	BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752	CONDENSER AIR REMOVAL	0	CPM
1-RI-3819	COMPONENT COOLING	200	CPM
1-RI-1595	SERVICE WATER	80	CPM
1-RI-4014	BLOWDOWN TANK	90	CPM
1-RI-4095	BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016	MISC WASTE RCVR TANK ROOM	.033	R/h ALARM
0-RI-7017	MISC WASTE RCVR PUMP ROOM	.033	R/h ALARM
0-RI-7018	WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019	DECON ROOM	.002	R/h
0-RI-7020	SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021	DRUM STORAGE AREA	.0005	R/h
0-RI-7022	LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023	CHEMISTRY LAB	.0002	R/h
0-RI-7024	SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025	SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026	NEW FUEL STORAGE	.0004	R/h
0-RI-7027	GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028	MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191	WASTE GAS DISCHARGE	8000	CPM
0-RI 2200	LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420	FUEL HANDLING VENT	40	CPM
0-RI-5350	CONTROL ROOM VENT	40	CPM
0-RI-5425	ACCESS CONTROL VENT	40	CPM
2-RI-5316A	U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A	U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406	U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410	WASTE PROCESSING VENT	60	CPM
2-RI-5414	U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415	U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415	U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004	21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005	22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006	U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010	U2 BAST ROOM	.004	R/h
2-RI-7011	U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 02:00

1-RI-5280	U1 CONTAINMENT APD	100	CPM
1-RI-5281	U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A	U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A	U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406	U1 ECCS PUMP ROOM VENT	1.0E6	CPM HIGH LIMIT
1-RI-5410	WASTE PROCESSING VENT	60	CPM
1-RI-5414	U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415	U1 MAIN VENT GASEOUS	38300	CPM ALARM
1-RIC-5415	U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421	MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004	11 ECCS PUMP ROOM	.001	R/h
1-RI-7005	12 ECCS PUMP ROOM	.5	R/h ALARM
1-RI-7006	U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008	ICI AREA U1 CONT	0	R/h
1-RI-7009	REFUELING MACHINE	0	R/h
1-RI-7010	U1 BAST ROOM	.004	R/h
1-RI-7011	U1 WEST PEN ROOM	.035	R/h
1-RI-7012	BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752	CONDENSER AIR REMOVAL	0	CPM
1-RI-3819	COMPONENT COOLING	200	CPM
1-RI-1595	SERVICE WATER	80	CPM
1-RI-4014	BLOWDOWN TANK	90	CPM
1-RI-4095	BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016	MISC WASTE RCVR TANK ROOM	.5	R/h ALARM
0-RI-7017	MISC WASTE RCVR PUMP ROOM	.5	R/h ALARM
0-RI-7018	WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019	DECON ROOM	.002	R/h
0-RI-7020	SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021	DRUM STORAGE AREA	.0005	R/h
0-RI-7022	LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023	CHEMISTRY LAB	.0002	R/h
0-RI-7024	SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025	SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026	NEW FUEL STORAGE	.0004	R/h
0-RI-7027	GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028	MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191	WASTE GAS DISCHARGE	8000	CPM
0-RI 2201	LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420	FUEL HANDLING VENT	40	CPM
0-RI-5350	CONTROL ROOM VENT	40	CPM
0-RI-5425	ACCESS CONTROL VENT	40	CPM
2-RI-5316A	U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A	U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406	U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410	WASTE PROCESSING VENT	60	CPM
2-RI-5414	U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415	U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415	U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004	21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005	22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006	U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010	U2 BAST ROOM	.004	R/h
2-RI-7011	U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 03:15

1-RI-5280	U1 CONTAINMENT APD	100	CPM
1-RI-5281	U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A	U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A	U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406	U1 ECCS PUMP ROOM VENT	1.0E6	CPM HIGH LIMIT
1-RI-5410	WASTE PROCESSING VENT	60	CPM
1-RI-5414	U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415	U1 MAIN VENT GASEOUS	35300	CPM ALARM
1-RIC-5415	U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421	MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004	11 ECCS PUMP ROOM	.001	R/h
1-RI-7005	12 ECCS PUMP ROOM	.45	R/h ALARM
1-RI-7006	U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008	ICI AREA U1 CONT	0	R/h
1-RI-7009	REFUELING MACHINE	0	R/h
1-RI-7010	U1 BAST ROOM	.004	R/h
1-RI-7011	U1 WEST PEN ROOM	.035	R/h
1-RI-7012	BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752	CONDENSER AIR REMOVAL	0	CPM
1-RI-3819	COMPONENT COOLING	200	CPM
1-RI-1595	SERVICE WATER	80	CPM
1-RI-4014	BLOWDOWN TANK	90	CPM
1-RI-4095	BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016	MISC WASTE RCVR TANK ROOM	.45	R/h ALARM
0-RI-7017	MISC WASTE RCVR PUMP ROOM	.45	R/h ALARM
0-RI-7018	WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019	DECON ROOM	.002	R/h
0-RI-7020	SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021	DRUM STORAGE AREA	.0005	R/h
0-RI-7022	LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023	CHEMISTRY LAB	.0002	R/h
0-RI-7024	SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025	SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026	NEW FUEL STORAGE	.0004	R/h
0-RI-7027	GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028	MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191	WASTE GAS DISCHARGE	8000	CPM
0-RI 2201	LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420	FUEL HANDLING VENT	40	CPM
0-RI-5350	CONTROL ROOM VENT	40	CPM
0-RI-5425	ACCESS CONTROL VENT	40	CPM
2-RI-5316A	U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A	U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406	U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410	WASTE PROCESSING VENT	60	CPM
2-RI-5414	U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415	U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415	U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004	21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005	22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006	U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010	U2 BAST ROOM	.004	R/h
2-RI-7011	U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 03:30

1-RI-5280	U1 CONTAINMENT APD	100 CPM	
1-RI-5281	U1 CONTAINMENT GASEOUS	120 CPM	
1-RI-5316A	U1 CONTAINMENT 69' ELEV	.004 R/h	
1-RI-5317A	U1 CONTAINMENT HIGH RANGE	1 R/h	
1-RI-5406	U1 ECCS PUMP ROOM VENT	1.0E6 CPM	HIGH LIMIT
1-RI-5410	WASTE PROCESSING VENT	60 CPM	
1-RI-5414	U1 MAIN VENT PARTICULATE	60 CPM	
1-RI-5415	U1 MAIN VENT GASEOUS	31300 CPM	ALARM
1-RIC-5415	U1 WIDE RANGE GASEOUS	OOS uCi/S	
1-RI-5421	MAIN STEAM EFFLUENT	.002 R/h	
1-RI-7004	11 ECCS PUMP ROOM	.001 R/h	
1-RI-7005	12 ECCS PUMP ROOM	.371 R/h	ALARM
1-RI-7006	U1 NSSS SAMPLE ROOM	.0006 R/h	
1-RI-7008	ICI AREA U1 CONT	0 R/h	
1-RI-7009	REFUELING MACHINE	0 R/h	
1-RI-7010	U1 BAST ROOM	.004 R/h	
1-RI-7011	U1 WEST PEN ROOM	.035 R/h	
1-RI-7012	BLOWDOWN TANK AREA	.0002 R/h	
1-RI-1752	CONDENSER AIR REMOVAL	0 CPM	
1-RI-3819	COMPONENT COOLING	200 CPM	
1-RI-1595	SERVICE WATER	80 CPM	
1-RI-4014	BLOWDOWN TANK	90 CPM	
1-RI-4095	BLOWDOWN SYSTEM DISCHARGE	80 CPM	
0-RI-7016	MISC WASTE RCVR TANK ROOM	.371 R/h	ALARM
0-RI-7017	MISC WASTE RCVR PUMP ROOM	.371 R/h	ALARM
0-RI-7018	WASTE GAS EQUIPMENT ROOM	.0005 R/h	
0-RI-7019	DECON ROOM	.002 R/h	
0-RI-7020	SPENT FUEL POOL HX ROOM	.002 R/h	
0-RI-7021	DRUM STORAGE AREA	.0005 R/h	
0-RI-7022	LIQUID WASTE EVAP ROOM	.002 R/h	
0-RI-7023	CHEMISTRY LAB	.0002 R/h	
0-RI-7024	SPENT FUEL POOL AREA	.0004 R/h	
0-RI-7025	SPENT FUEL POOL PLATFORM	.0005 R/h	
0-RI-7026	NEW FUEL STORAGE	.0004 R/h	
0-RI-7027	GAS ANALYSIS EQUIP ROOM	.0004 R/h	
0-RI-7028	MISC WASTE EVAP ROOM	.0002 R/h	
0-RI-2191	WASTE GAS DISCHARGE	8000 CPM	
0-RI 2201	LIQUID WASTE DISCHARGE	3000 CPM	
0-RI-5420	FUEL HANDLING VENT	40 CPM	
0-RI-5350	CONTROL ROOM VENT	40 CPM	
0-RI-5425	ACCESS CONTROL VENT	40 CPM	
2-RI-5316A	U2 CONTAINMENT 69' ELEV	0 R/h	
2-RI-5317A	U2 CONTAINMENT HIGH RANGE	1 R/h	
2-RI-5406	U2 ECCS PUMP ROOM VENT	0 CPM	
2-RI-5410	WASTE PROCESSING VENT	60 CPM	
2-RI-5414	U2 MAIN VENT PARTICULATE	80 CPM	
2-RI-5415	U2 MAIN VENT GASEOUS	90 CPM	
2-RIC-5415	U2 WIDE RANGE GASEOUS	100 uCI/S	
2-RI-7004	21 ECCS PUMP ROOM	.0001 R/h	
2-RI-7005	22 ECCS PUMP ROOM	.0001 R/h	
2-RI-7006	U2 NSSS SAMPLE ROOM	.0006 R/h	
2-RI-7010	U2 BAST ROOM	.004 R/h	
2-RI-7011	U2 WEST PEN ROOM	.001 R/h	

SCENARIO TIME 03:45

1-RI-5280	U1 CONTAINMENT APD	100	CPM
1-RI-5281	U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A	U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A	U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406	U1 ECCS PUMP ROOM VENT	1.37E5	CPM ALARM
1-RI-5410	WASTE PROCESSING VENT	60	CPM
1-RI-5414	U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415	U1 MAIN VENT GASEOUS	3080	CPM ALARM
1-RIC-5415	U1 WIDE RANGE GASEOUS	005	uCi/S
1-RI-5421	MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004	11 ECCS PUMP ROOM	.001	R/h
1-RI-7005	12 ECCS PUMP ROOM	.036	R/h
1-RI-7006	U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008	ICI AREA U1 CONT	0	R/h
1-RI-7009	REFUELING MACHINE	0	R/h
1-RI-7010	U1 BAST ROOM	.004	R/h
1-RI-7011	U1 WEST PEN ROOM	.035	R/h
1-RI-7012	BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752	CONDENSER AIR REMOVAL	0	CPM
1-RI-3819	COMPONENT COOLING	200	CPM
1-RI-1595	SERVICE WATER	80	CPM
1-RI-4014	BLOWDOWN TANK	90	CPM
1-RI-4095	BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016	MISC WASTE RCVR TANK ROOM	.036	R/h ALARM
0-RI-7017	MISC WASTE RCVR PUMP ROOM	.036	R/h ALARM
0-RI-7018	WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019	DECON ROOM	.002	R/h
0-RI-7020	SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021	DRUM STORAGE AREA	.0005	R/h
0-RI-7022	LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023	CHEMISTRY LAB	.0002	R/h
0-RI-7024	SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025	SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026	NEW FUEL STORAGE	.0004	R/h
0-RI-7027	GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028	MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191	WASTE GAS DISCHARGE	8000	CPM
0-RI 2201	LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420	FUEL HANDLING VENT	40	CPM
0-RI-5350	CONTROL ROOM VENT	40	CPM
0-RI-5425	ACCESS CONTROL VENT	40	CPM
2-RI-5316A	U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A	U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406	U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410	WASTE PROCESSING VENT	60	CPM
2-RI-5414	U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415	U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415	U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004	21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005	22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006	U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010	U2 BAST ROOM	.004	R/h
2-RI-7011	U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 04:00

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	4580	CPM ALARM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	151	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	005	uCi/s
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	.001	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	0	CPM
1-RI-3819 COMPONENT COOLING	200	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CPM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 04:15

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	4580	CPM ALARM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	151	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	.001	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	0	CPM
1-RI-3819 COMPONENT COOLING	200	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CPM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI 7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 0430

1-RI-5280	U1 CONTAINMENT APD	100	CPM
1-RI-5281	U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A	U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A	U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406	U1 ECCS PUMP ROOM VENT	4580	CPM ALARM
1-RI-5410	WASTE PROCESSING VENT	60	CPM
1-RI-5414	U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415	U1 MAIN VENT GASEOUS	151	CPM
1-RIC-5415	U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421	MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004	11 ECCS PUMP ROOM	.001	R/h
1-RI-7005	12 ECCS PUMP ROOM	.001	R/h
1-RI-7006	U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008	ICI AREA U1 CONT	0	R/h
1-RI-7009	REFUELING MACHINE	0	R/h
1-RI-7010	U1 BAST ROOM	.004	R/h
1-RI-7011	U1 WEST PEN ROOM	.035	R/h
1-RI-7012	BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752	CONDENSER AIR REMOVAL	0	CPM
1-RI-3819	COMPONENT COOLING	200	CPM
1-RI-1595	SERVICE WATER	80	CPM
1-RI-4014	BLOWDOWN TANK	90	CPM
1-RI-4095	BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016	MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017	MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018	WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019	DECON ROOM	.002	R/h
0-RI-7020	SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021	DRUM STORAGE AREA	.0005	R/h
0-RI-7022	LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023	CHEMISTRY LAB	.0002	R/h
0-RI-7024	SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025	SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026	NEW FUEL STORAGE	.0004	R/h
0-RI-7027	GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028	MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191	WASTE GAS DISCHARGE	8000	CPM
0-RI 2201	LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420	FUEL HANDLING VENT	40	CPM
0-RI-5350	CONTROL ROOM VENT	40	CPM
0-RI-5425	ACCESS CONTROL VENT	40	CPM
2-RI-5316A	U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A	U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406	U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410	WASTE PROCESSING VENT	60	CPM
2-RI-5414	U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415	U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415	U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004	21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005	22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006	U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010	U2 BAST ROOM	.004	R/h
2-RI-7011	U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 04:45

1-RI-5280	U1 CONTAINMENT APD	100	CPM
1-RI-5281	U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A	U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A	U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406	U1 ECCS PUMP ROOM VENT	4580	CPM ALARM
1-RI-5410	WASTE PROCESSING VENT	60	CPM
1-RI-5414	U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415	U1 MAIN VENT GASEOUS	151	CPM
1-RIC-5415	U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421	MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004	11 ECCS PUMP ROOM	.001	R/h
1-RI-7005	12 ECCS PUMP ROOM	.001	R/h
1-RI-7006	U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008	ICI AREA U1 CONT	0	R/h
1-RI-7009	REFUELING MACHINE	0	R/h
1-RI-7010	U1 BAST ROOM	.004	R/h
1-RI-7011	U1 WEST PEN ROOM	.035	R/h
1-RI-7012	BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752	CONDENSER AIR REMOVAL	0	CPM
1-RI-3819	COMPONENT COOLING	200	CPM
1-RI-1595	SERVICE WATER	80	CPM
1-RI-4014	BLOWDOWN TANK	90	CPM
1-RI-4095	BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016	MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017	MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018	WASTE GAS EQUIPMENT ROOM	.085	R/h
0-RI-7019	DECON ROOM	.002	R/h
0-RI-7020	SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021	DRUM STORAGE AREA	.0005	R/h
0-RI-7022	LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023	CHEMISTRY LAB	.0002	R/h
0-RI-7024	SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025	SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026	NEW FUEL STORAGE	.0004	R/h
0-RI-7027	GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028	MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191	WASTE GAS DISCHARGE	8000	CPM
0-RI 2201	LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420	FUEL HANDLING VENT	40	CPM
0-RI-5350	CONTROL ROOM VENT	40	CPM
0-RI-5425	ACCESS CONTROL VENT	40	CPM
2-RI-5316A	U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A	U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406	U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410	WASTE PROCESSING VENT	60	CPM
2-RI-5414	U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415	U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415	U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004	21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005	22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006	U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010	U2 BAST ROOM	.004	R/h
2-RI-7011	U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 05:00

1-RI-5280	U1 CONTAINMENT APD	100	CPM
1-RI-5281	U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A	U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A	U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406	U1 ECCS PUMP ROOM VENT	4580	CPM ALARM
1-RI-5410	WASTE PROCESSING VENT	60	CPM
1-RI-5414	U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415	U1 MAIN VENT GASEOUS	151	CPM
1-PIC-5415	U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421	MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004	11 ECCS PUMP ROOM	.001	R/h
1-RI-7005	12 ECCS PUMP ROOM	.001	R/h
1-RI-7006	U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008	ICI AREA U1 CONT	0	R/h
1-RI-7009	REFUELING MACHINE	0	R/h
1-RI-7010	U1 BAST ROOM	.004	R/h
1-RI-7011	U1 WEST PEN ROOM	.03[illegible]	R/h
1-RI-7012	BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752	CONDENSER AIR REMOVAL	0	CPM
1-RI-3819	COMPONENT COOLING	200	CPM
1-RI-1595	SERVICE WATER	80	CPM
1-RI-4014	BLOWDOWN TANK	90	CPM
1-RI-4095	BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016	MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017	MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018	WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019	DECON ROOM	.002	R/h
0-RI-7020	SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021	DRUM STORAGE AREA	.0005	R/h
0-RI-7022	LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023	CHEMISTRY LAB	.0002	R/h
0-RI-7024	SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025	SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026	NEW FUEL STORAGE	.0004	R/h
0-RI-7027	GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028	MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191	WASTE GAS DISCHARGE	8000	CPM
0-RI 2201	LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420	FUEL HANDLING VENT	40	CPM
0-RI-5350	CONTROL ROOM VENT	40	CPM
0-RI-5425	ACCESS CONTROL VENT	40	CPM
2-RI-5316A	U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A	U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406	U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410	WASTE PROCESSING VENT	60	CPM
2-RI-5414	U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415	U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415	U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004	21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005	22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006	U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010	U2 BAST ROOM	.004	R/h
2-RI-7011	U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 05:15

1-RI-5280	U1 CONTAINMENT APD	100	CPM
1-RI-5281	U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A	U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A	U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406	U1 ECCS PUMP ROOM VENT	4580	CPM ALARM
1-RI-5410	WASTE PROCESSING VENT	60	CPM
1-RI-5414	U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415	U1 MAIN VENT GASEOUS	151	CPM
1-RIC-5415	U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421	MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004	11 ECCS PUMP ROOM	.001	R/h
1-RI-7005	12 ECCS PUMP ROOM	.001	R/h
1-RI-7006	U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008	ICI AREA U1 CONT	0	R/h
1-RI-7009	REFUELING MACHINE	0	R/h
1-RI-7010	U1 BAST ROOM	.004	R/h
1-RI-7011	U1 WEST PEN ROOM	.035	R/h
1-RI-7012	BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752	CONDENSER AIR REMOVAL	0	CPM
1-R1-3819	COMPONENT COOLING	200	CPM
1-RI-1595	SERVICE WATER	80	CPM
1-RI-4014	BLOWDOWN TANK	90	CPM
1-RI-4095	BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016	MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017	MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018	WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019	DECON ROOM	.002	R/h
0-RI-7020	SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021	DRUM STORAGE AREA	.0005	R/h
0-RI-7022	LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023	CHEMISTRY LAB	.0002	R/h
0-RI-7024	SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025	SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026	NEW FUEL STORAGE	.0004	R/h
0-RI-7027	GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028	MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191	WASTE GAS DISCHARGE	8000	CPM
0-RI 2201	LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420	FUEL HANDLING VENT	40	CPM
0-RI-5350	CONTROL ROOM VENT	40	CPM
0-RI-5425	ACCESS CONTROL VENT	40	CPM
2-RI-5316A	U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A	U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406	U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410	WASTE PROCESSING VENT	60	CPM
2-RI-5414	U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415	U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415	U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004	21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005	22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006	U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010	U2 BAST ROOM	.004	R/h
2-RI-7011	U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 05:30

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	110	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	4580	CPM ALARM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	151	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	005	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	.001	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008 ICI AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	0	CPM
1-R1-3819 COMPONENT COOLING	200	
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CPM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 05:45

1-RI-5280 U1 CONTAINMENT APD	100	CPM
1-RI-5281 U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406 U1 ECCS PUMP ROOM VENT	4580	CPM ALARM
1-RI-5410 WASTE PROCESSING VENT	60	CPM
1-RI-5414 U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	151	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421 MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004 11 ECCS PUMP ROOM	.001	R/h
1-RI-7005 12 ECCS PUMP ROOM	.001	R/h
1-RI-7006 U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008 [illegible] AREA U1 CONT	0	R/h
1-RI-7009 REFUELING MACHINE	0	R/h
1-RI-7010 U1 BAST ROOM	.004	R/h
1-RI-7011 U1 WEST PEN ROOM	.035	R/h
1-RI-7012 BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752 CONDENSER AIR REMOVAL	0	CPM
1-RI-3819 COMPONENT COOLING	200	CPM
1-RI-1595 SERVICE WATER	80	CPM
1-RI-4014 BLOWDOWN TANK	90	CPM
1-RI-4095 BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016 MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019 DECON ROOM	.002	R/h
0-RI-7020 SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021 DRUM STORAGE AREA	.0005	R/h
0-RI-7022 LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023 CHEMISTRY LAB	.0002	R/h
0-RI-7024 SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025 SPENT FUEL POOL PLATFORM	.00[illegible]5	R/h
0-RI-7026 NEW FUEL STORAGE	.0004	R/h
0-RI-7027 GAS ANALYSIS EQUIP ROOM	[illegible]004	R/h
0-RI-7028 MISC WASTE EVAP ROOM	[illegible]02	R/h
0-RI-2191 WASTE GAS DISCHARGE	8000	CPM
0-RI 2201 LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420 FUEL HANDLING VENT	40	CPM
0-RI-5350 CONTROL ROOM VENT	40	CPM
0-RI-5425 ACCESS CONTROL VENT	40	CPM
2-RI [illegible]316A U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406 U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410 WASTE PROCESSING VENT	60	CPM
2-RI-5414 U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004 21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005 22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006 U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010 U2 BAST ROOM	.004	R/h
2-RI-7011 U2 WEST PEN ROOM	.001	R/h

SCENARIO TIME 06:00

1-RI-5280	U1 CONTAINMENT APD	100	CPM
1-RI-5281	U1 CONTAINMENT GASEOUS	120	CPM
1-RI-5316A	U1 CONTAINMENT 69' ELEV	.004	R/h
1-RI-5317A	U1 CONTAINMENT HIGH RANGE	1	R/h
1-RI-5406	U1 ECCS PUMP ROOM VENT	4580	CPM ALARM
1-RI-5410	WASTE PROCESSING VENT	60	CPM
1-RI-5414	U1 MAIN VENT PARTICULATE	60	CPM
1-RI-5415	U1 MAIN VENT GASEOUS	151	CPM
1-RIC-5415	U1 WIDE RANGE GASEOUS	OOS	uCi/S
1-RI-5421	MAIN STEAM EFFLUENT	.002	R/h
1-RI-7004	11 ECCS PUMP ROOM	.001	R/h
1-RI-7005	12 ECCS PUMP ROOM	.001	R/h
1-RI-7006	U1 NSSS SAMPLE ROOM	.0006	R/h
1-RI-7008	ICI AREA U1 CONT	0	R/h
1-RI-7009	REFUELING MACHINE	0	R/h
1-RI-7010	U1 BAST ROOM	.004	R/h
1-RI-7011	U1 WEST PEN ROOM	.035	R/h
1-RI-7012	BLOWDOWN TANK AREA	.0002	R/h
1-RI-1752	CONDENSER AIR REMOVAL	0	CPM
1-RI-3819	COMPONENT COOLING	200	CPM
1-RI-1595	SERVICE WATER	80	CPM
1-RI-4014	BLOWDOWN TANK	90	CPM
1-RI-4095	BLOWDOWN SYSTEM DISCHARGE	80	CPM
0-RI-7016	MISC WASTE RCVR TANK ROOM	.001	R/h
0-RI-7017	MISC WASTE RCVR PUMP ROOM	.001	R/h
0-RI-7018	WASTE GAS EQUIPMENT ROOM	.0005	R/h
0-RI-7019	DECON ROOM	.002	R/h
0-RI-7020	SPENT FUEL POOL HX ROOM	.002	R/h
0-RI-7021	DRUM STORAGE AREA	.0005	R/h
0-RI-7022	LIQUID WASTE EVAP ROOM	.002	R/h
0-RI-7023	CHEMISTRY LAB	.0002	R/h
0-RI-7024	SPENT FUEL POOL AREA	.0004	R/h
0-RI-7025	SPENT FUEL POOL PLATFORM	.0005	R/h
0-RI-7026	NEW FUEL STORAGE	.0004	R/h
0-RI-7027	GAS ANALYSIS EQUIP ROOM	.0004	R/h
0-RI-7028	MISC WASTE EVAP ROOM	.0002	R/h
0-RI-2191	WASTE GAS DISCHARGE	8000	CPM
0-RI 2201	LIQUID WASTE DISCHARGE	3000	CPM
0-RI-5420	FUEL HANDLING VENT	40	CPM
0-RI-5350	CONTROL ROOM VENT	40	CPM
0-RI-5425	ACCESS CONTROL VENT	40	CPM
2-RI-5316A	U2 CONTAINMENT 69' ELEV	0	R/h
2-RI-5317A	U2 CONTAINMENT HIGH RANGE	1	R/h
2-RI-5406	U2 ECCS PUMP ROOM VENT	0	CPM
2-RI-5410	WASTE PROCESSING VENT	60	CPM
2-RI-5414	U2 MAIN VENT PARTICULATE	80	CPM
2-RI-5415	U2 MAIN VENT GASEOUS	90	CPM
2-RIC-5415	U2 WIDE RANGE GASEOUS	100	uCI/S
2-RI-7004	21 ECCS PUMP ROOM	.0001	R/h
2-RI-7005	22 ECCS PUMP ROOM	.0001	R/h
2-RI-7006	U2 NSSS SAMPLE ROOM	.0006	R/h
2-RI-7010	U2 BAST ROOM	.004	R/h
2-RI-7011	U2 WEST PEN ROOM	.001	R/h

U-1 MAIN VENT GRAB SAMPLE RESULTS (uCi/cc)

00:00-02:00		02:15	
Iodine - 131	< MDA	Iodine - 131	< MDA
Iodine - 132	< MDA	Iodine - 132	< MDA
Iodine - 133	< MDA	Iodine - 133	< MDA
Iodine - 134	< MDA	Iodine - 134	< MDA
Iodine - 135	< MDA	Iodine - 135	< MDA
Krypton - 85m	< MDA	Krypton - 85m	< MDA
Krypton - 87	< MDA	Krypton - 87	< MDA
Krypton - 88	< MDA	Krypton - 88	< MDA
Xenon - 133	< MDA	Xenon - 133	< MDA
Xenon - 135	< MDA	Xenon - 135	< MDA
MPC IODINE	< 0.1	MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1	MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1	MPC RADIOGAS	< 0.1

U-1 MAIN VENT GRAB SAMPLE RESULTS (uCi/cc)

02:30		02:45	
Iodine - 131	< MDA	Iodine - 131	2.01 E-11
Iodine - 132	< MDA	Iodine - 132	2.84 E-11
Iodine - 133	< MDA	Iodine - 133	4.04 E-11
Iodine - 134	< MDA	Iodine - 134	4.50 E-11
Iodine - 135	< MDA	Iodine - 135	3.55 E-11
Krypton - 85m	< MDA	Krypton - 85m	3.41 E-11
Krypton - 87	< MDA	Krypton - 87	6.75 E-11
Krypton - 88	< MDA	Krypton - 88	9.66 E-11
Xenon - 133	< MDA	Xenon - 133	2.43 E-10
Xenon - 135	< MDA	Xenon - 135	4.90 E-11
MPC IODINE	< 0.1	MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1	MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1	MPC RADIOGAS	< 0.1

U-1 MAIN VENT GRAB SAMPLE RESULTS (uCi/cc)

03:00		03:15	
Iodine - 131	2.01 E-11	Iodine - 131	2.01 E-11
Iodine - 132	2.84 E-11	Iodine - 132	2.84 E-11
Iodine - 133	4.04 E-11	Iodine - 133	4.04 E-11
Iodine - 134	4.50 E-11	Iodine - 134	4.50 E-11
Iodine - 135	3.55 E-11	Iodine - 135	3.55 E-11
Krypton - 85m	3.44 E-11	Krypton - 85m	3.44 E-11
Krypton - 87	6.75 E-11	Krypton - 87	6.75 E-11
Krypton - 88	9.66 E-11	Krypton - 88	9.66 E-11
Xenon - 133	2.43 E-10	Xenon - 133	2.43 E-10
Xenon - 135	4.90 E-11	Xenon - 135	4.90 E-11
MPC IODINE	< 0.1	MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1	MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1	MPC RADIOGAS	< 0.1

U-1 MAIN VENT GRAB SAMPLE RESULTS (uCi/cc)

03:30		03:45	
Iodine - 131	2.01 E-11	Iodine - 131	2.01 E-11
Iodine - 132	2.84 E-11	Iodine - 132	2.84 E-11
Iodine - 133	4.04 E-11	Iodine - 133	4.04 E-11
Iodine - 134	4.50 E-11	Iodine - 134	4.50 E-11
Iodine - 135	3.55 E-11	Iodine - 135	3.55 E-11
Krypton - 85m	3.44 E-11	Krypton - 85m	3.44 E-11
Krypton - 87	6.75 E-11	Krypton - 87	6.75 E-11
Krypton - 88	9.66 E-11	Krypton - 88	9.66 E-11
Xenon - 133	2.43 E-10	Xenon - 133	2.43 E-10
Xenon - 135	4.90 E-11	Xenon - 135	4.90 E-11
MPC IODINE	< 0.1	MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1	MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1	MPC RADIOGAS	< 0.1

U-1 MAIN VENT GRAB SAMPLE RESULTS (uCi/cc)

04:00		04:15	
Iodine - 131	2.01 E-11	Iodine - 131	2.01 E-11
Iodine - 132	2.84 E-11	Iodine - 132	2.84 E-11
Iodine - 133	4.04 E-11	Iodine - 133	4.04 E-11
Iodine - 134	4.50 E-11	Iodine - 134	4.50 E-11
Iodine - 135	3.55 E-11	Iodine - 135	3.55 E-11
Krypton - 85m	3.44 E-11	Krypton - 85m	3.44 E-11
Krypton - 87	6.75 E-11	Krypton - 87	6.75 E-11
Krypton - 88	9.66 E-11	Krypton - 88	9.66 E-11
Xenon - 133	2.43 E-10	Xenon - 133	2.43 E-10
Xenon - 135	4.90 E-11	Xenon - 135	4.90 E-11
MPC IODINE	< 0.1	MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1	MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1	MPC RADIOGAS	< 0.1

U-1 MAIN VENT GRAB SAMPLE RESULTS (uCi/cc)

04:30		04:45	
Iodine - 131	< MDA	Iodine - 131	< MDA
Iodine - 132	< MDA	Iodine - 132	< MDA
Iodine - 133	< MDA	Iodine - 133	< MDA
Iodine - 134	< MDA	Iodine - 134	< MDA
Iodine - 135	< MDA	Iodine - 135	< MDA
Krypton - 85m	< MDA	Krypton - 85m	< MDA
Krypton - 87	< MDA	Krypton - 87	< MDA
Krypton - 88	< MDA	Krypton - 88	< MDA
Xenon - 133	< MDA	Xenon - 133	< MDA
Xenon - 135	< MDA	Xenon - 135	< MDA
MPC IODINE	< 0.1	MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1	MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1	MPC RADIOGAS	< 0.1

U-1 MAIN VENT GRAB SAMPLE RESULTS (uCi/cc)

05:00		05:15	
Iodine - 131	< MDA	Iodine - 131	< MDA
Iodine - 132	< MDA	Iodine - 132	< MDA
Iodine - 133	< MDA	Iodine - 133	< MDA
Iodine - 134	< MDA	Iodine - 134	< MDA
Iodine - 135	< MDA	Iodine - 135	< MDA
Krypton - 85m	< MDA	Krypton - 85m	< MDA
Krypton - 87	< MDA	Krypton - 87	< MDA
Krypton - 88	< MDA	Krypton - 88	< MDA
Xenon - 133	< MDA	Xenon - 133	< MDA
Xenon - 135	< MDA	Xenon - 135	< MDA
MPC IODINE	< 0.1	MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1	MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1	MPC RADIOGAS	< 0.1

U-1 MAIN VENT GRAB SAMPLE RESULTS (uCi/cc)

05:30		05:45	
Iodine - 131	< MDA	Iodine - 131	< MDA
Iodine - 132	< MDA	Iodine - 132	< MDA
Iodine - 133	< MDA	Iodine - 133	< MDA
Iodine - 134	< MDA	Iodine - 134	< MDA
Iodine - 135	< MDA	Iodine - 135	< MDA
Krypton - 85m	< MDA	Krypton - 85m	< MDA
Krypton - 87	< MDA	Krypton - 87	< MDA
Krypton - 88	< MDA	Krypton - 88	< MDA
Xenon - 133	< MDA	Xenon - 133	< MDA
Xenon - 135	< MDA	Xenon - 135	< MDA
MPC IODINE	< 0.1	MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1	MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1	MPC RADIOGAS	< 0.1

U-1 MAIN VENT GRAB SAMPLE RESULTS (uCi/cc)

	06:00
Iodine - 131	< MDA
Iodine - 132	< MDA
Iodine - 133	< MDA
Iodine - 134	< MDA
Iodine - 135	< MDA
Krypton - 85m	< MDA
Krypton - 87	< MDA
Krypton - 88	< MDA
Xenon - 133	< MDA
Xenon - 135	< MDA
MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1

69' AUXILIARY BUILDING GRAB SAMPLE RESULTS (uCi/cc)

Scenario Time 00:00 - 06:00

Iodine - 131	< MDA
Iodine - 132	< MDA
Iodine - 133	< MDA
Iodine - 134	< MDA
Iodine - 135	< MDA
Krypton - 85m	< MDA
Krypton - 87	< MDA
Krypton - 88	< MDA
Xenon - 133	< MDA
Xenon - 135	< MDA
MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1

45' Auxiliary Building Grab Sample Results (uCi/cc)

Scenario Time 00:00 - 06:00

Iodine - 131	< MDA
Iodine - 132	< MDA
Iodine - 133	< MDA
Iodine - 134	< MDA
Iodine - 135	< MDA
Krypton - 85m	< MDA
Krypton - 87	< MDA
Krypton - 88	< MDA
Xenon - 133	< MDA
Xenon - 135	< MDA
MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1

27'& 5' Auxiliary Building Grab Sample Results (uCi/cc)

Scenario Time 00:00 - 06:00

Iodine - 131	< MDA
Iodine - 132	< MDA
Iodine - 133	< MDA
Iodine - 134	< MDA
Iodine - 135	< MDA
Krypton - 85m	< MDA
Krypton - 87	< MDA
Krypton - 88	< MDA
Xenon - 133	< MDA
Xenon - 135	< MDA
MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1

- 10 ' Auxiliary Building Grab Sample Results (uCi/cc)

00:00-02:00		02:15	
Iodine - 131	< MDA	Iodine - 131	< MDA
Iodine - 132	< MDA	Iodine - 132	< MDA
Iodine - 133	< MDA	Iodine - 133	< MDA
Iodine - 134	< MDA	Iodine - 134	< MDA
Iodine - 135	< MDA	Iodine - 135	< MDA
Krypton - 85m	< MDA	Krypton - 85m	< MDA
Krypton - 87	< MDA	Krypton - 87	< MDA
Krypton - 88	< MDA	Krypton - 88	< MDA
Xenon - 133	< MDA	Xenon - 133	< MDA
Xenon - 135	< MDA	Xenon - 135	< MDA
MPC IODINE	< 0.1	MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1	MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1	MPC RADIOGAS	< 0.1

- 10 ' Auxiliary Building Grab Sample Results (uCi/cc)

02:30		02:45	
Iodine - 131	2.01 E-10	Iodine - 131	4.60 E-9
Iodine - 132	2.84 E-10	Iodine - 132	6.04 E-9
Iodine - 133	4.04 E-10	Iodine - 133	9.19 E-9
Iodine - 134	4.50 E-10	Iodine - 134	8.48 E-9
Iodine - 135	3.55 E-10	Iodine - 135	7.92 E-9
Krypton - 85m	3.44 E-10	Krypton - 85m	7.58 E-9
Krypton - 87	6.75 E-10	Krypton - 87	1.35 E-9
Krypton - 88	9.66 E-10	Krypton - 88	2.08 E-9
Xenon - 133	2.43 E-9	Xenon - 133	5.56 E-8
Xenon - 135	4.00 E-10	Xenon - 135	1.10 E-8
MPC IODINE	4.04 E-3	MPC IODINE	9.06 E-3
MPC PARTICULATE	< 0.1	MPC PARTICULATE	< 0.1
MPC RADIOGAS	2.34 E-3	MPC RADIOGAS	3.78 E-2

- 10 ' Auxiliary Building Grab Sample Results (uCi/cc)

03:00		03:15	
Iodine - 131	7.10 E-8	Iodine - 131	6.60 E-8
Iodine - 132	8.66 E-8	Iodine - 132	7.04 E-8
Iodine - 133	1.41 E-8	Iodine - 133	1.28 E-8
Iodine - 134	1.08 E-8	Iodine - 134	1.05 E-8
Iodine - 135	1.19 E-8	Iodine - 135	1.06 E-8
Krypton - 85m	1.13 E-8	Krypton - 85m	1.04 E-8
Krypton - 87	1.82 E-8	Krypton - 87	2.09 E-8
Krypton - 88	3.03 E-8	Krypton - 88	2.96 E-8
Xenon - 133	8.58 E-7	Xenon - 133	7.56 E-7
Xenon - 135	1.52 E-7	Xenon - 135	1.40 E-7
MPC IODINE	1.04 E+0	MPC IODINE	9.66 E-1
MPC PARTICULATE	< 0.1	MPC PARTICULATE	< 0.1
MPC RADIOGAS	5.93 E+0	MPC RADIOGAS	5.46 E+0

- 10 ' Auxiliary Building Grab Sample Results (uCi/cc)

03:30		03:45	
Iodine - 131	5.75 E-8	Iodine - 131	5.63 E-9
Iodine - 132	6.56 E-8	Iodine - 132	6.41 E-9
Iodine - 133	1.13 E-8	Iodine - 133	1.10 E-8
Iodine - 134	1.20 E-8	Iodine - 134	1.16 E-8
Iodine - 135	9.36 E-9	Iodine - 135	9.06 E-9
Krypton - 85m	9.24 E-9	Krypton - 85m	8.94 E-9
Krypton - 87	2.00 E-8	Krypton - 87	1.79 E-8
Krypton - 88	2.62 E-8	Krypton - 88	2.54 E-8
Xenon - 133	6.17 E-8	Xenon - 133	5.97 E-8
Xenon - 135	1.24 E-8	Xenon - 135	1.20 E-8
MPC IODINE	9.00 E-1	MPC IODINE	8.54 E-3
MPC PARTICULATE	< 0.1	MPC PARTICULATE	< 0.1
MPC RADIOGAS	4.83 E-1	MPC RADIOGAS	< 0.1

- 10 ' Auxiliary Building Grab Sample Results (uCi/cc)

04:00		04:15	
Iodine - 131	2.01 E-10	Iodine - 131	2.01 E-11
Iodine - 132	2.84 E-10	Iodine - 132	2.84 E-11
Iodine - 133	4.04 E-10	Iodine - 133	4.04 E-11
Iodine - 134	3.86 E-10	Iodine - 134	4.50 E-11
Iodine - 135	3.02 E-10	Iodine - 135	3.55 E-11
Krypton - 85m	2.98 E-10	Krypton - 85m	3.44 E-11
Krypton - 87	5.98 E-10	Krypton - 87	6.75 E-11
Krypton - 88	8.15 E-10	Krypton - 88	9.66 E-11
Xenon - 133	2.43 E-10	Xenon - 133	2.43 E-10
Xenon - 135	4.00 E-10	Xenon - 135	4.90 E-11
MPC IODINE	< 0.1	MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1	MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1	MPC RADIOGAS	1.56 E-4

- 10 ' Auxiliary Building Grab Sample Results (uCi/cc)

04:30		04:45	
Iodine - 131	2.01 E-11	Iodine - 131	2.01 E-11
Iodine - 132	2.84 E-11	Iodine - 132	2.84 E-11
Iodine - 133	4.04 E-11	Iodine - 133	4.04 E-11
Iodine - 134	4.50 E-11	Iodine - 134	4.50 E-11
Iodine - 135	3.55 E-11	Iodine - 135	3.55 E-11
Krypton - 85m	3.44 E-11	Krypton - 85m	3.44 E-11
Krypton - 87	6.75 E-11	Krypton - 87	6.75 E-11
Krypton - 88	9.66 E-11	Krypton - 88	9.66 E-11
Xenon - 133	2.43 E-10	Xenon - 133	2.43 E-10
Xenon - 135	4.90 E-11	Xenon - 135	4.90 E-11
MPC IODINE	< 0.1	MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1	MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1	MPC RADIOGAS	< 0.1

- 10 ' Auxiliary Building Grab Sample Results (uCi/cc)

05:00		05:15	
Iodine - 131	2.01 E-11	Iodine - 131	2.01 E-11
Iodine - 132	2.84 E-11	Iodine - 132	2.84 E-11
Iodine - 133	4.04 E-11	Iodine - 133	4.04 E-11
Iodine - 134	4.50 E-11	Iodine - 134	4.50 E-11
Iodine - 135	3.55 E-11	Iodine - 135	3.55 E-11
Krypton - 85m	3.44 E-11	Krypton - 85m	3.44 E-11
Krypton - 87	6.75 E-11	Krypton - 87	6.75 E-11
Krypton - 88	9.66 E-11	Krypton - 88	9.66 E-11
Xenon - 133	2.43 E-10	Xenon - 133	2.43 E-10
Xenon - 135	4.90 E-11	Xenon - 135	4.90 E-11
MPC IODINE	< 0.1	MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1	MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1	MPC RADIOGAS	< 0.1

- 10 ' Auxiliary Building Grab Sample Results (uCi/cc)

05:30		05:45	
Iodine - 131	2.01 E-11	Iodine - 131	2.01 E-11
Iodine - 132	2.84 E-11	Iodine - 132	2.84 E-11
Iodine - 133	4.04 E-11	Iodine - 133	4.04 E-11
Iodine - 134	4.50 E-11	Iodine - 134	4.50 E-11
Iodine - 135	3.55 E-11	Iodine - 135	3.55 E-11
Krypton - 85m	3.44 E-11	Krypton - 85m	3.44 E-11
Krypton 87	6.75 E-11	Krypton - 87	6.75 E-11
Krypton - 88	9.66 E-11	Krypton - 88	9.66 E-11
Xenon - 133	2.43 E-10	Xenon - 133	2.43 E-10
Xenon - 135	4.90 E-11	Xenon - 135	4.90 E-11
MPC IODINE	< 0.1	MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1	MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1	MPC RADIOGAS	< 0.1

- 10 ' Auxiliary Building Grab Sample Results (uCi/cc)

	06:00
Iodine - 131	2.01 E-11
Iodine - 132	2.84 E-11
Iodine - 133	4.04 E-11
Iodine - 134	4.50 E-11
Iodine - 135	3.55 E-11
Krypton - 85m	3.44 E-11
Krypton - 87	6.75 E-11
Krypton - 8[illegible]	9.66 E-11
Xenon - 133	2.43 E-10
Xenon - 135	4.90 E-11
MPC IODINE	< 0.1
MPC PARTICULATE	< 0.1
MPC RADIOGAS	< 0.1

RADIATION MONITORING SYSTEM DATA

RADIATION MONITORING SYSTEM ALARM SETPOINTS

1-RI-5316A U1 CONTAINMENT 69' ELEV	200	mR/h
1-RI-5317A U1 CONTAINMENT HIGH RANGE	6	R/h
1-RI-5414 U1 MAIN VENT PARTICULATE	1000	CPM
1-RI-5415 U1 MAIN VENT GASEOUS	1200	CPM
1-RIC-5415 U1 WIDE RANGE GASEOUS	1.23	E5 uCi/S
1-RI-7004 21 ECCS PUMP ROOM	100	mR/h
1-RI-7005 12 ECCS PUMP ROOM	100	mR/h
1-RI-7006 U1 NSSS SAMPLE ROOM	60	mR/h
1-RI-7010 U1 BAST ROOM	20	mR/h
1-RI-7011 U1 WEST PEN ROOM	75	mR/h
0-RI-7016 MISC WASTE RCVR TANK ROOM	25	mR/h
0-RI-7017 MISC WASTE RCVR PUMP ROOM	5	mR/h
0-RI-7018 WASTE GAS EQUIPMENT ROOM	20	mR/h
0-RI-7019 DECON ROOM	5	mR/h
0-RI-7020 SPENT FUEL POOL HX ROOM	6	mR/h
0-RI-7021 DRUM STORAGE AREA	2	mR/h
0-RI-7022 LIQUID WASTE EVAP ROOM	20	mR/h
0-RI-7023 CHEMISTRY LAB	1	mR/h
0-RI-7024 SPENT FUEL POOL AREA	10	mR/h
0-RI-7025 SPENT FUEL POOL PLATFORM	1	mR/h
0-RI-7026 NEW FUEL STORAGE	5	mR/h
0-RI-7028 MISC WASTE EVAP ROOM	5	mR/h
0-RI-5410 WASTE PROCESSING VENT	600	CPM
0-RI-5406 ECCS PUMP ROOM VENT	2000	CPM
0-RI-5420 FUEL HANDLING VENT	600	CPM
0-RI-5350 CONTROL ROOM VENT	120	CPM
0-RI-5425 ACCESS CONTROL VENT	100	CPM
2-RI-5316A U2 CONTAINMENT 69' ELEV	200	mR/h
2-RI-5317A U2 CONTAINMENT HIGH RANGE	6	R/h
2-RI-5414 U2 MAIN VENT PARTICULATE	1000	CPM
2-RI-5415 U2 MAIN VENT GASEOUS	1200	CPM
2-RIC-5415 U2 WIDE RANGE GASEOUS	1.23	E5 uCI/S
2-RI-7004 21 ECCS PUMP ROOM	100	mR/h
2-RI-7005 22 ECCS PUMP ROOM	100	mR/h
2-RI-7006 U2 NSSS SAMPLE ROOM	60	mR/h
2-RI-7010 U2 BAST ROOM	20	mR/h
2-RI-7011 U2 WEST PEN ROOM	400	mR/h
2-RI-5410 WASTE PROCESSING VENT	600	CPM

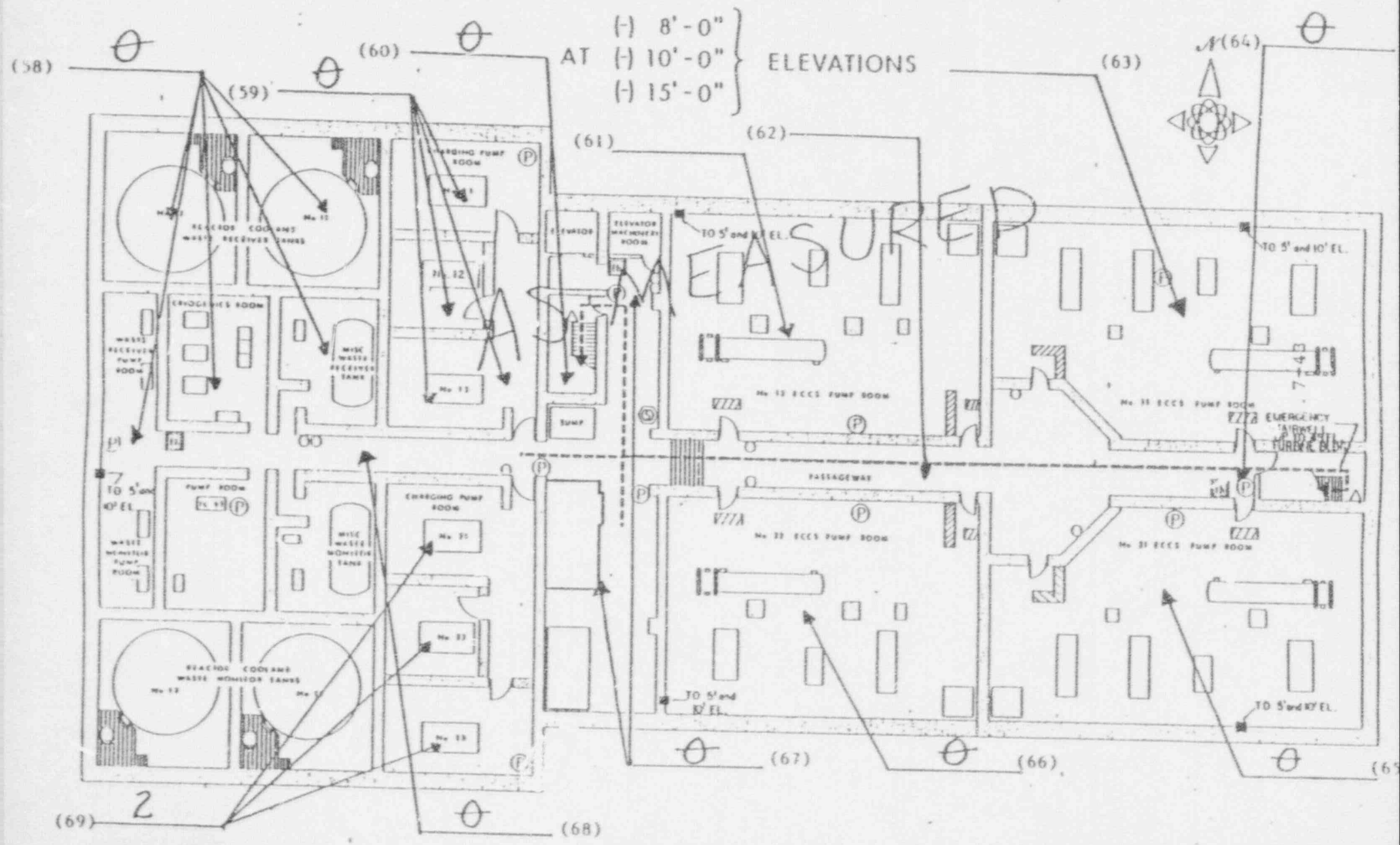
-10'

Scen[illegible] Time: 00:00 – 02:00

All data in HR/h

UNITS 1 & 2 AUXILIARY BUILDING PLAN

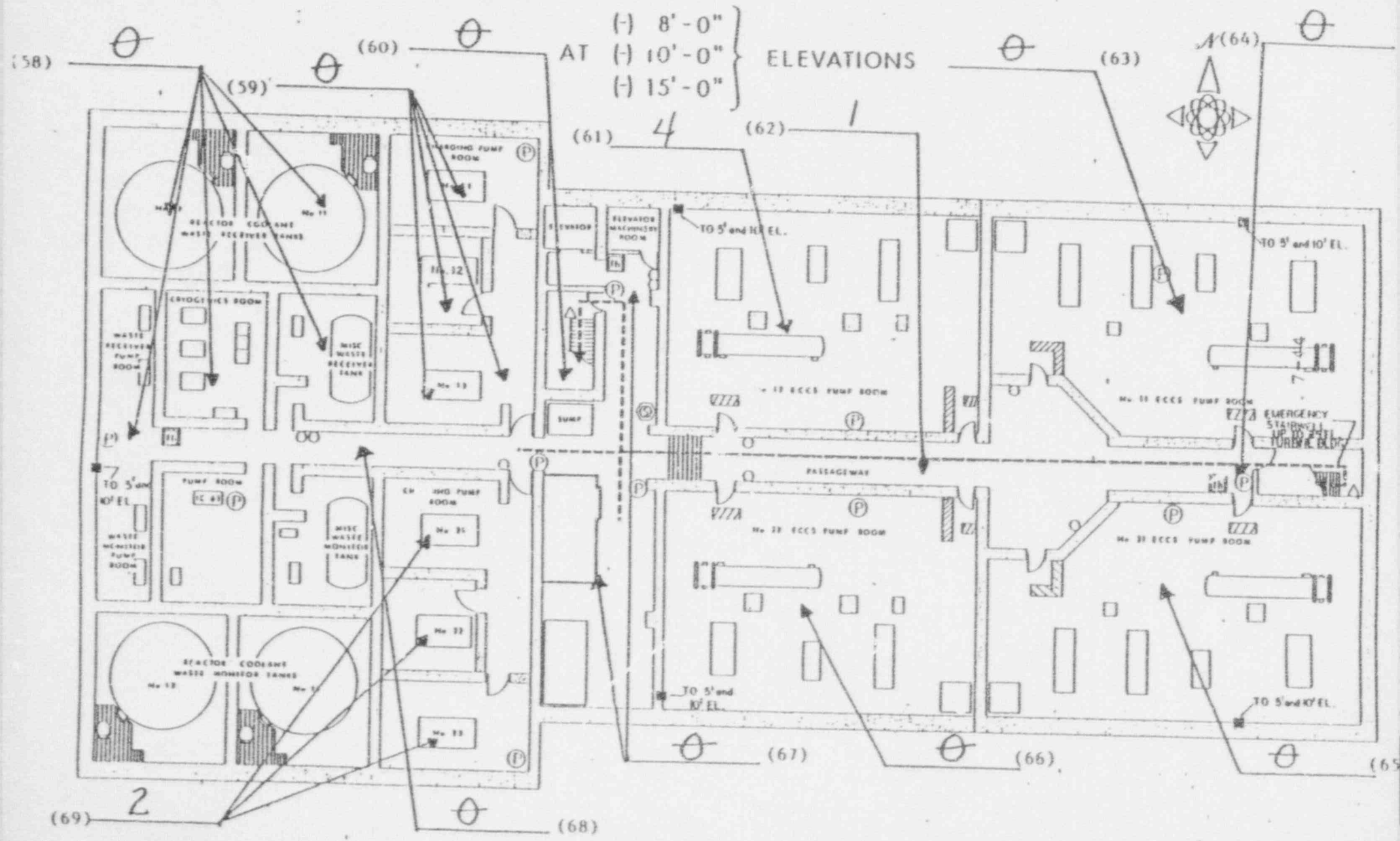
AT (-) 8'-0" / (-) 10'-0" / (-) 15'-0" ELEVATIONS



-10'
Scer Time: 02:15
All data in HR/h

UNITS 1 & 2 AUXILIARY BUILDING PLAN

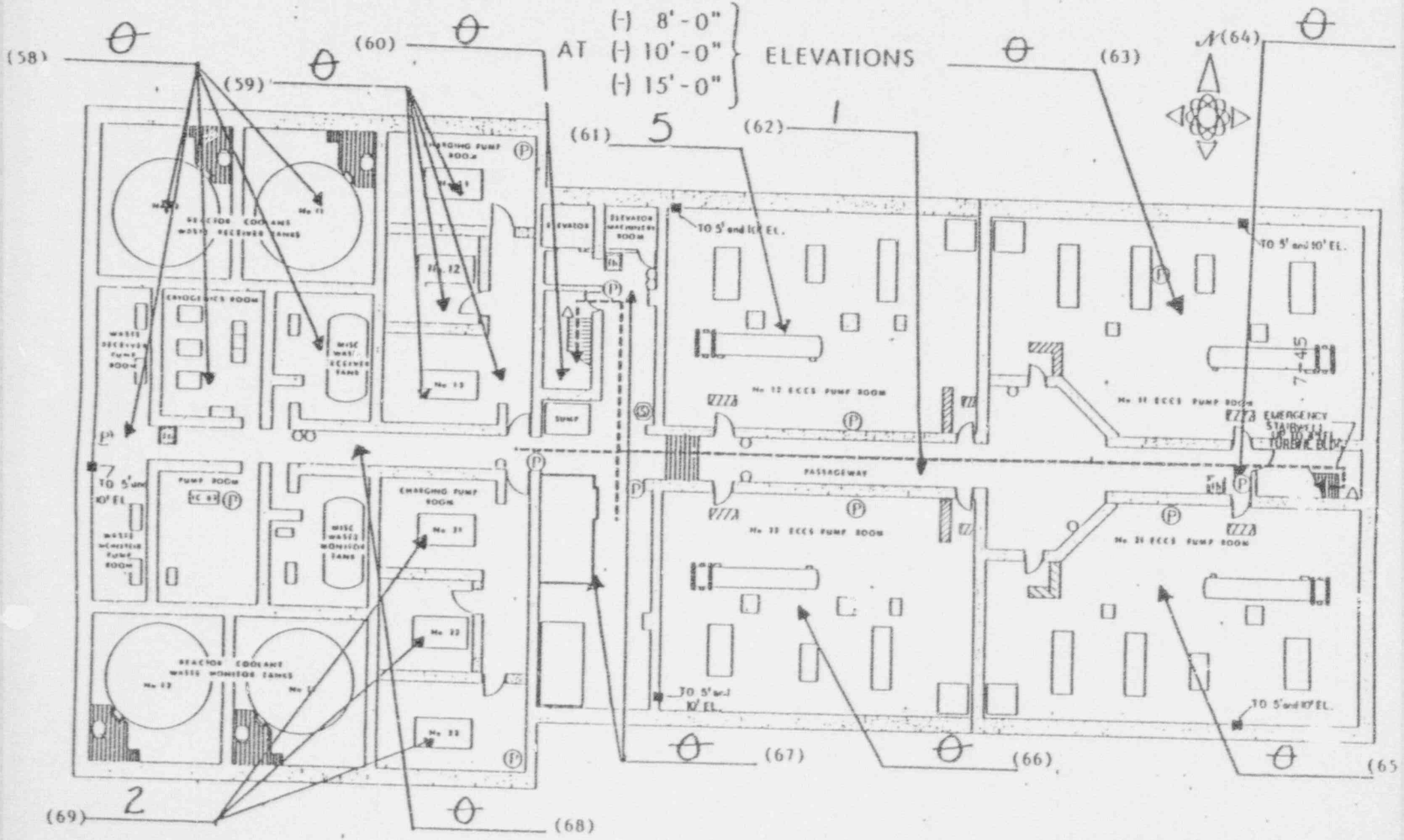
AT (-) 8'-0" (-) 10'-0" (-) 15'-0" ELEVATIONS



-10'
Scen[illegible] Time: 02:30
All Data in MR/h

UNITS 1 & 2 AUXILIARY BUILDING PLAN

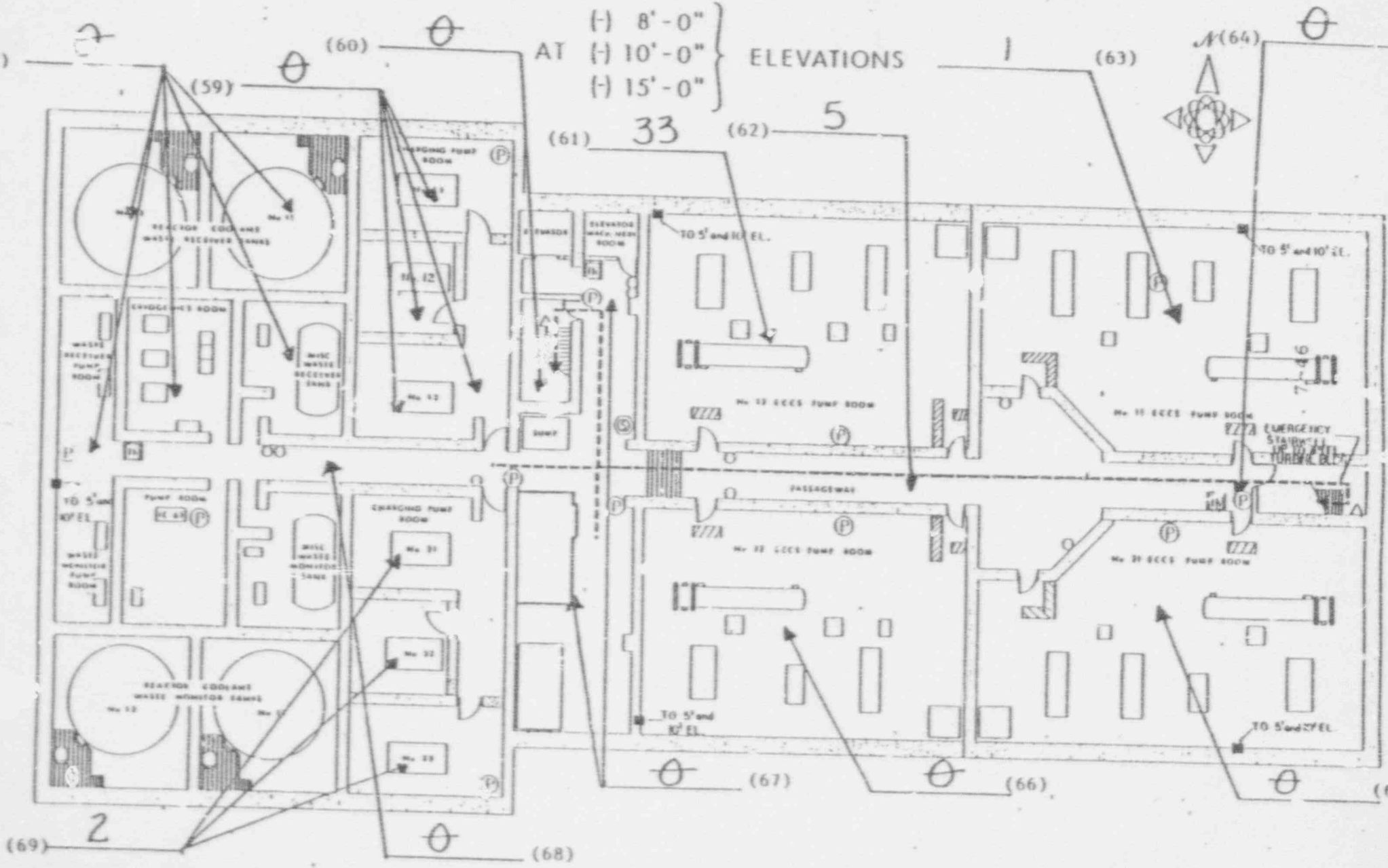
AT (-) 8'-0" (-) 10'-0" (-) 15'-0" ELEVATIONS



-10'
Scer , Time: 02:45
All a in MR/h

UNITS 1 & 2 AUXILIARY BUILDING PLAN

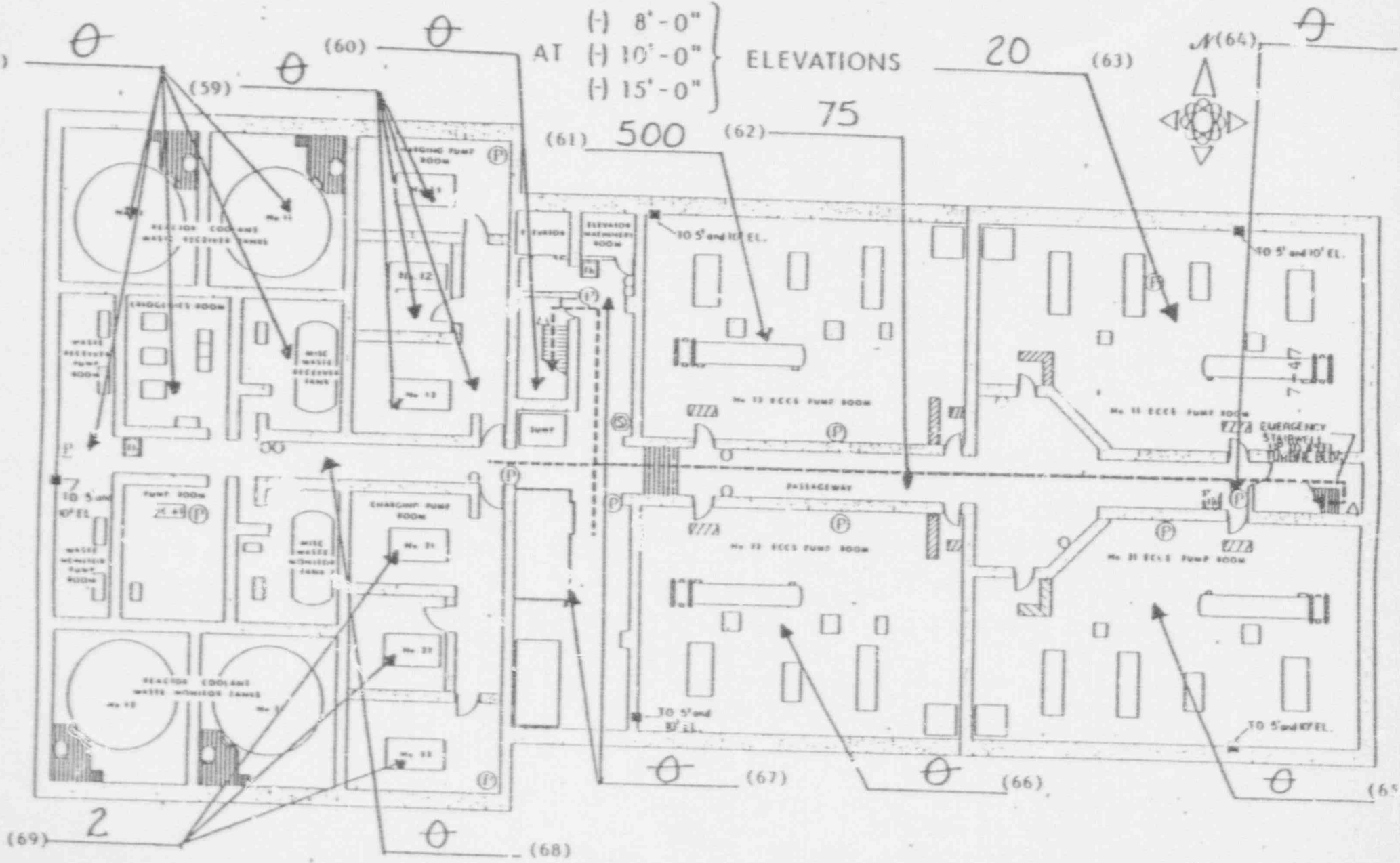
AT (-) 8'-0" (-) 10'-0" (-) 15'-0" ELEVATIONS



-10'
Sce Time: 03:00
All data in MR/h

UNITS 1 & 2 AUXILIARY BUILDING PLAN

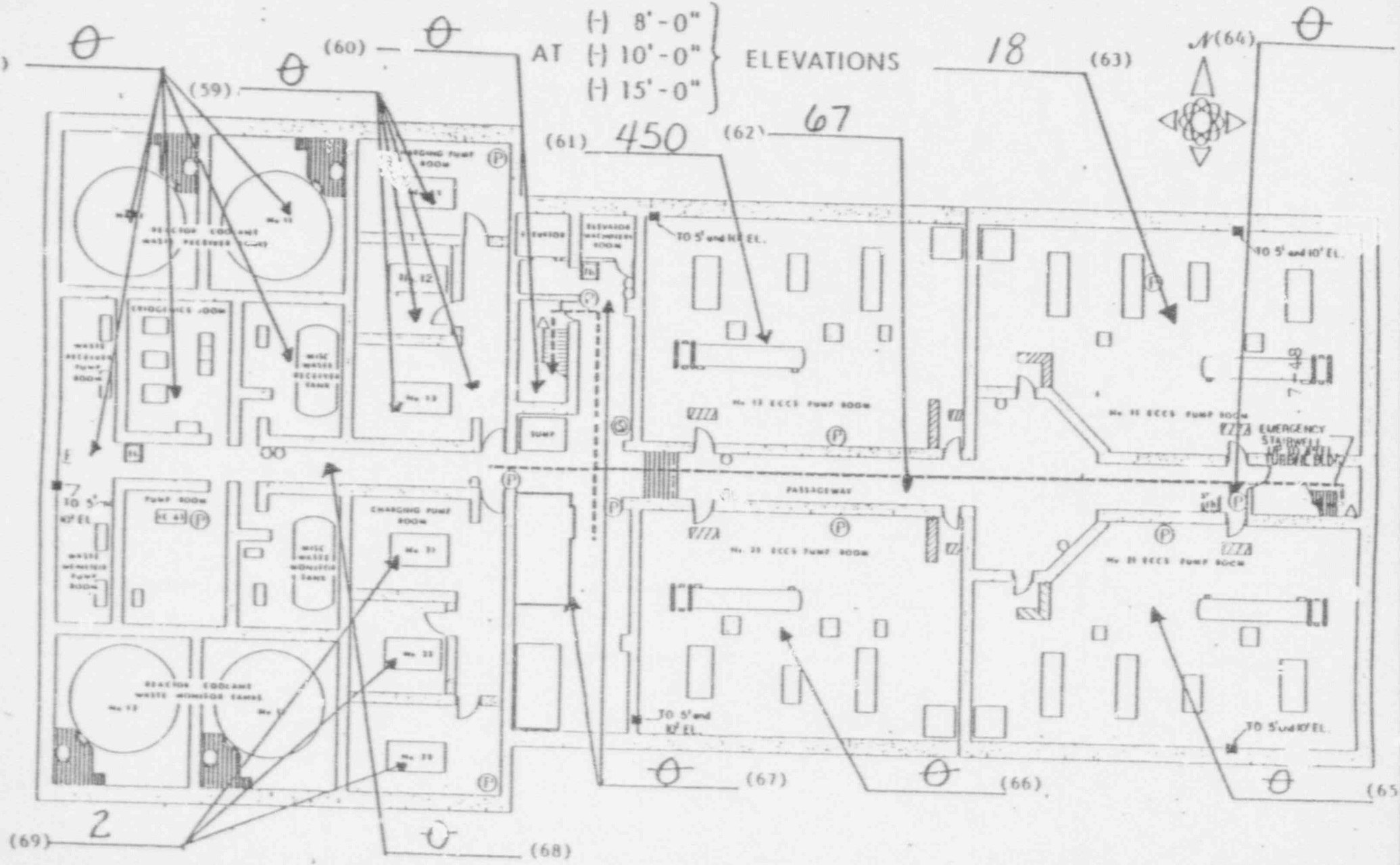
AT (-) 8'-0" (-) 10'-0" (-) 15'-0" ELEVATIONS



Sce
All
Time: 03:15
in HR/h

UNITS 1 & 2 AUXILIARY BUILDING PLAN

AT (-) 8'-0" (-) 10'-0" (-) 15'-0" ELEVATIONS

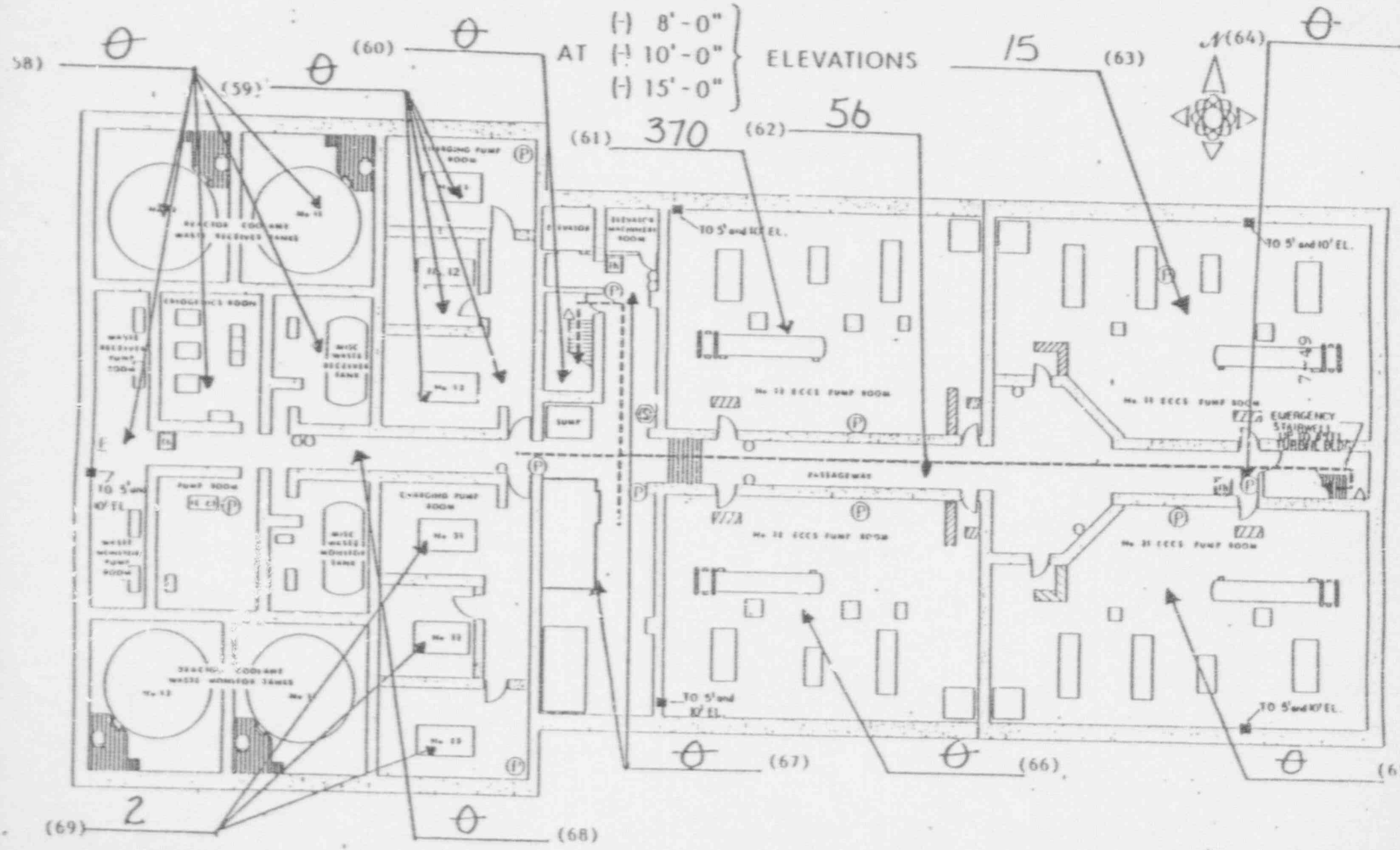


-10'
Sce Time: 03:30
All ...d in MR/h

UNITS 1 & 2 AUXILIARY BUILDING PLAN

AT (-) 8'-0" (-) 10'-0" (-) 15'-0" ELEVATIONS

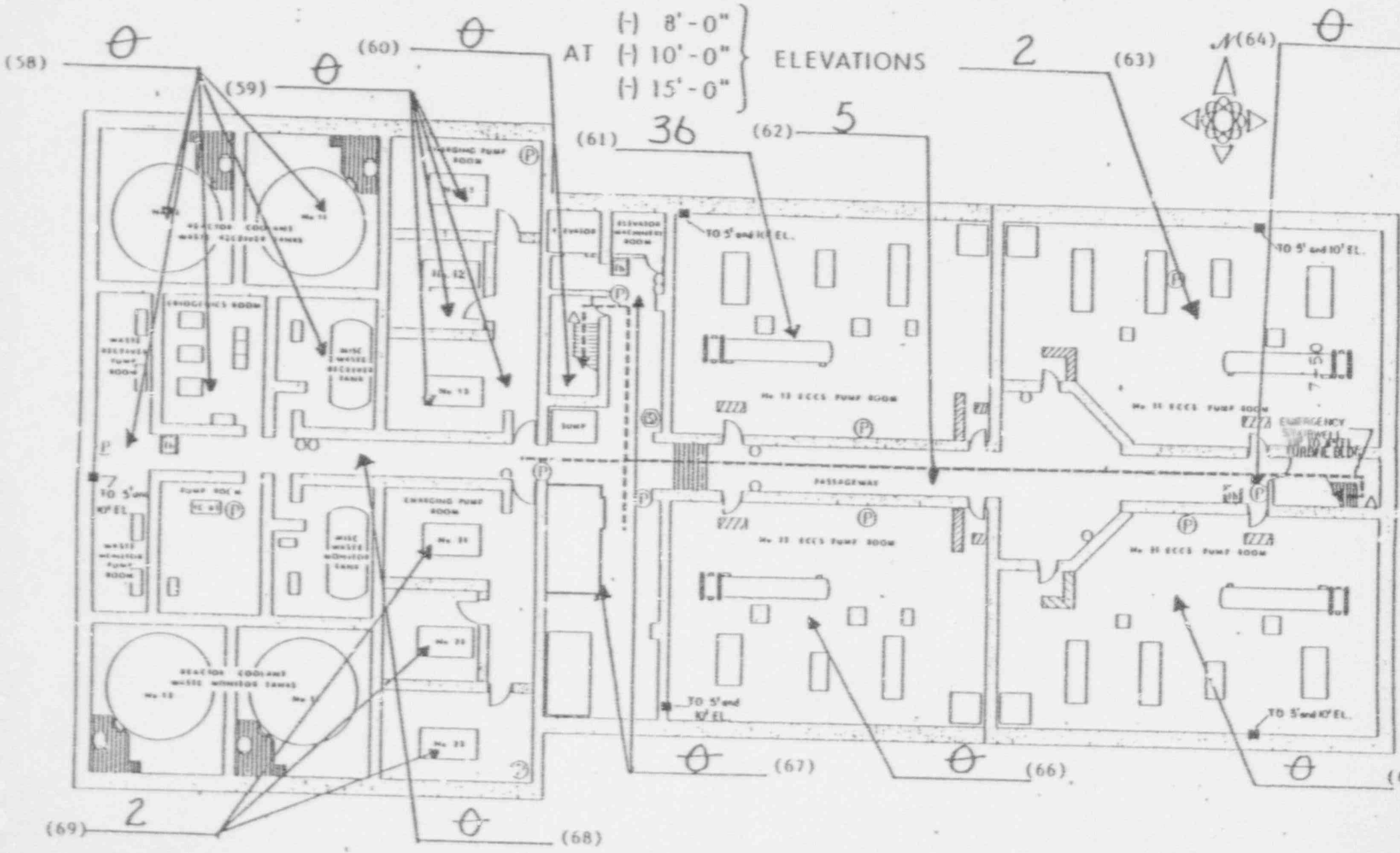
15 370 56



-10'
Sce o Time: 03:45
All ba.a in MR/h

UNITS 1 & 2 AUXILIARY BUILDING PLAN

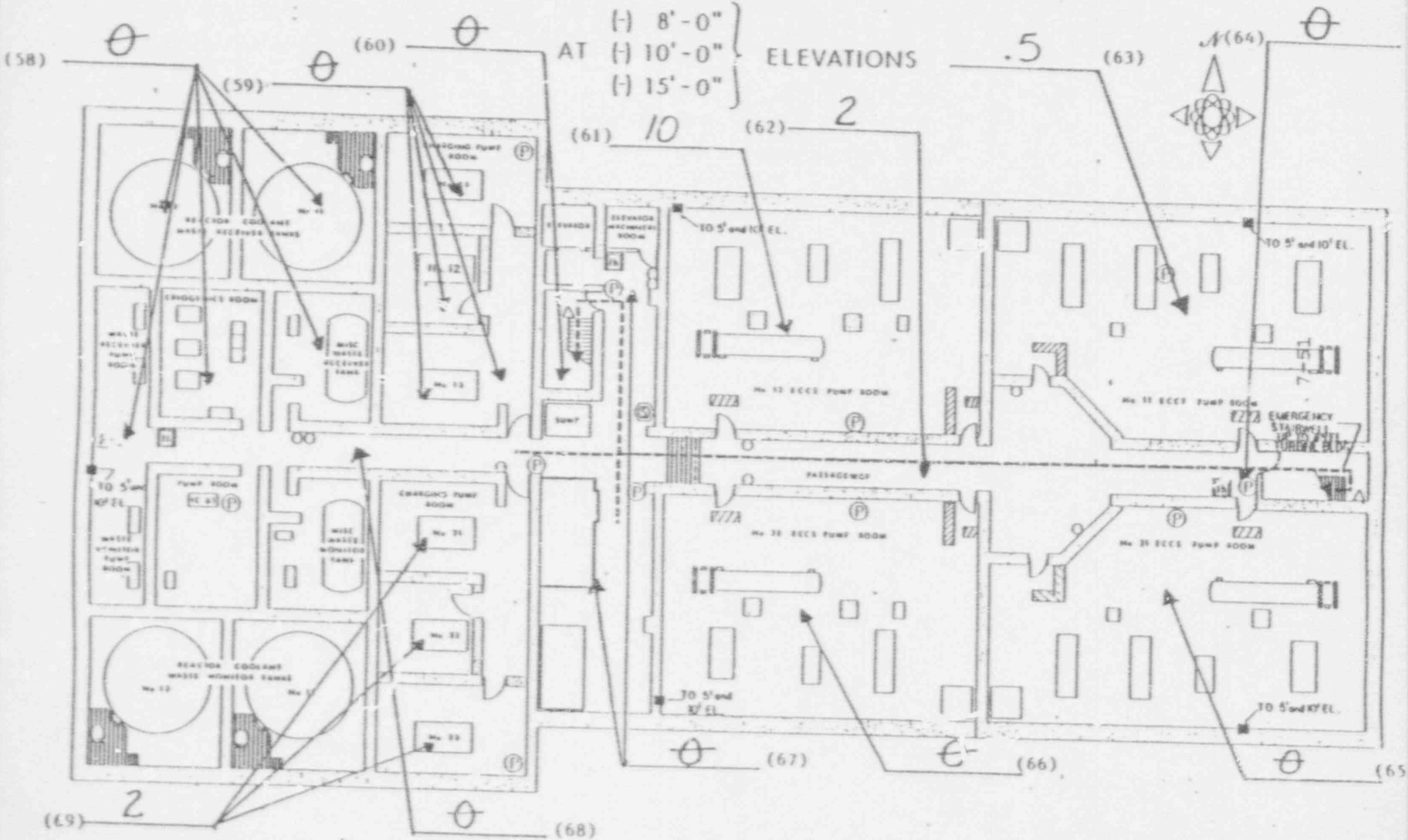
AT (-) 8'-0" (-) 10'-0" (-) 15'-0" ELEVATIONS



-10'
Scer : Time: 04:00
All in MR/h

UNITS 1 & 2 AUXILIARY BUILDING PLAN

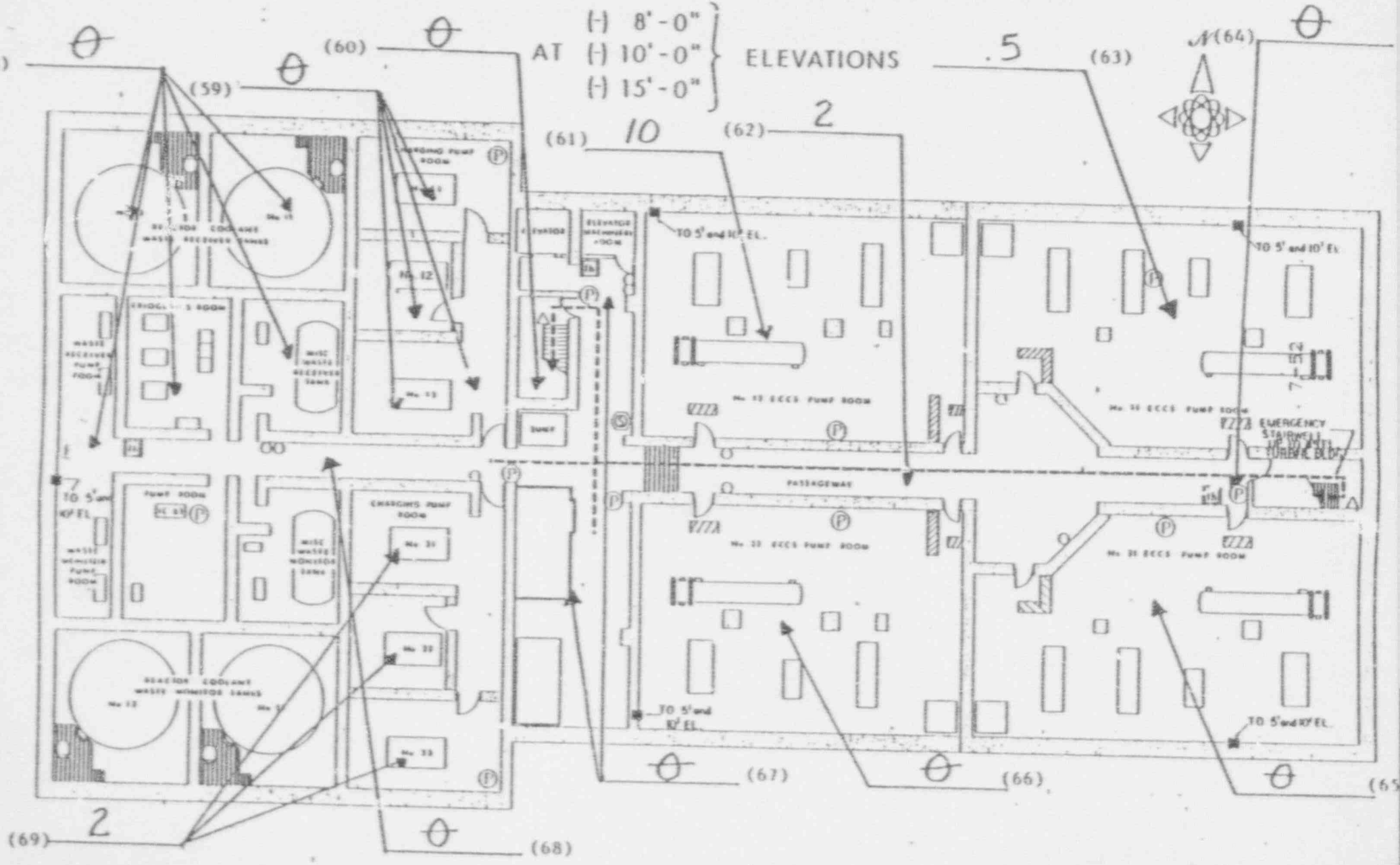
AT (-) 8'-0" (-) 10'-0" (-) 15'-0" ELEVATIONS



-10'
Scer Time: 04:15
All in HR/h

UNITS 1 & 2 AUXILIARY BUILDING PLAN

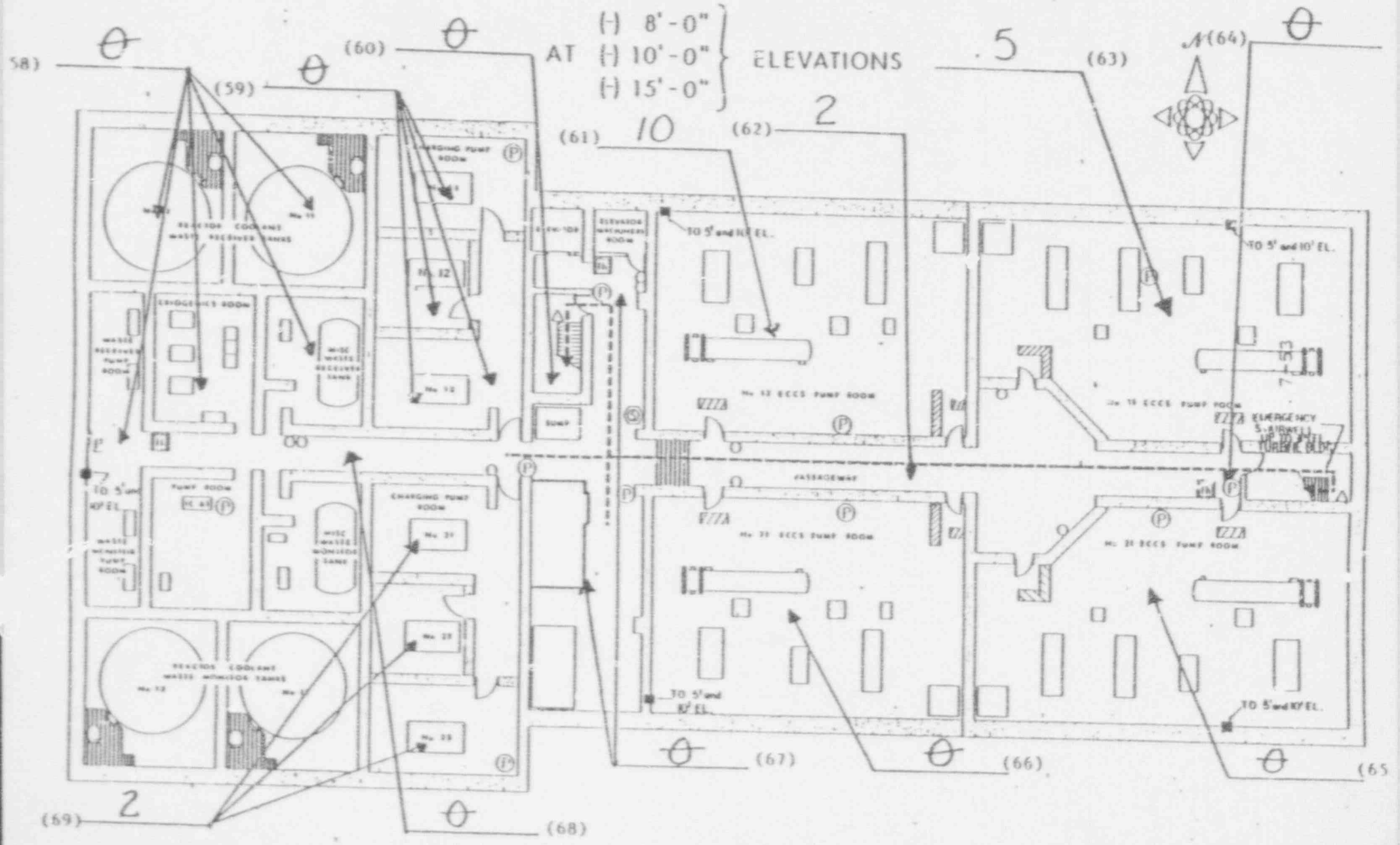
AT (-) 8'-0" (-) 10'-0" (-) 15'-0" ELEVATIONS .5



-10'
Sce Time: 04:30
All data in MR/h

UNITS 1 & 2 AUXILIARY BUILDING PLAN

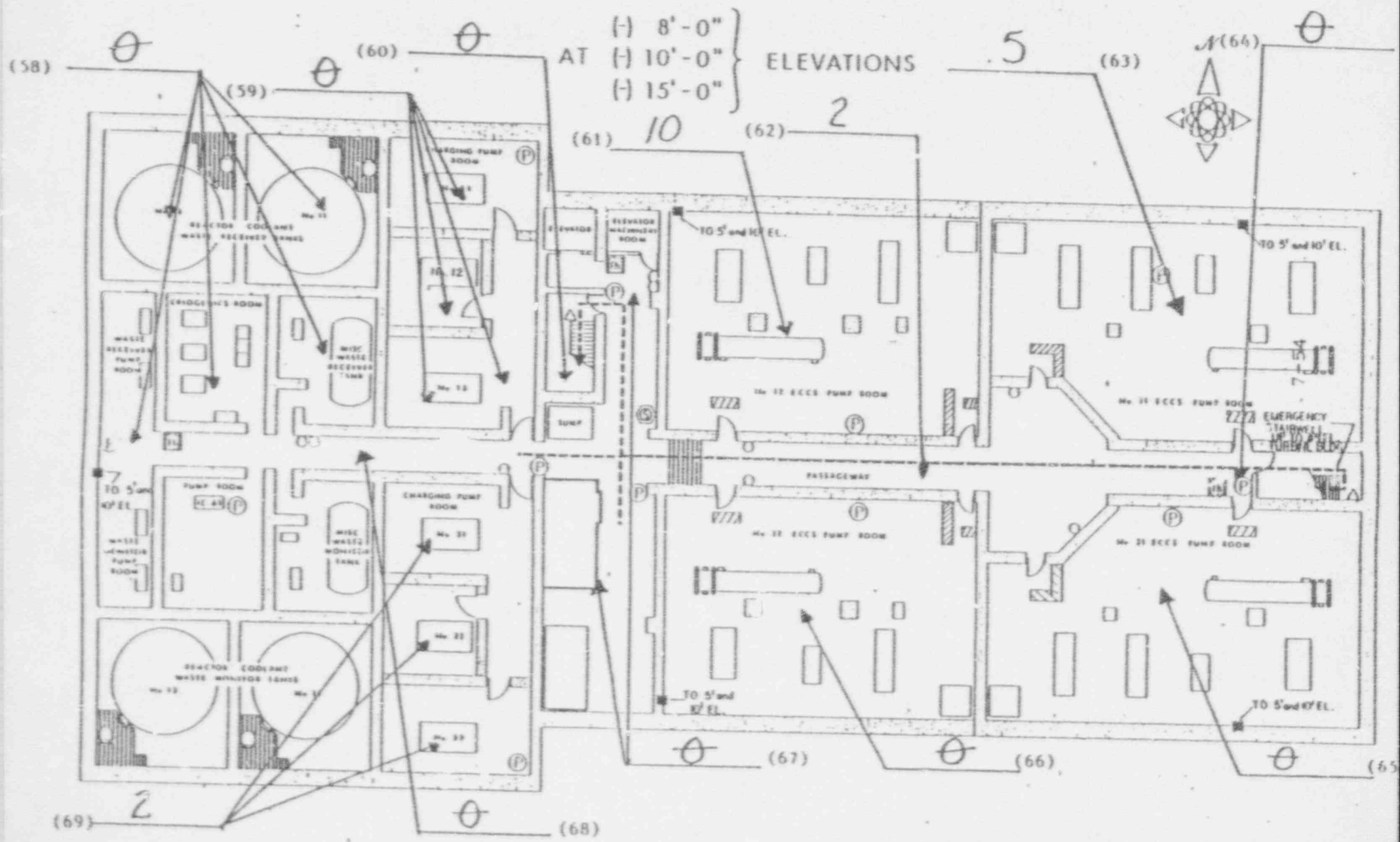
AT (-) 8'-0" (-) 10'-0" (-) 15'-0" ELEVATIONS



-10'
Sce Time: 04:45
All ... in MR/h

UNITS 1 & 2 AUXILIARY BUILDING PLAN

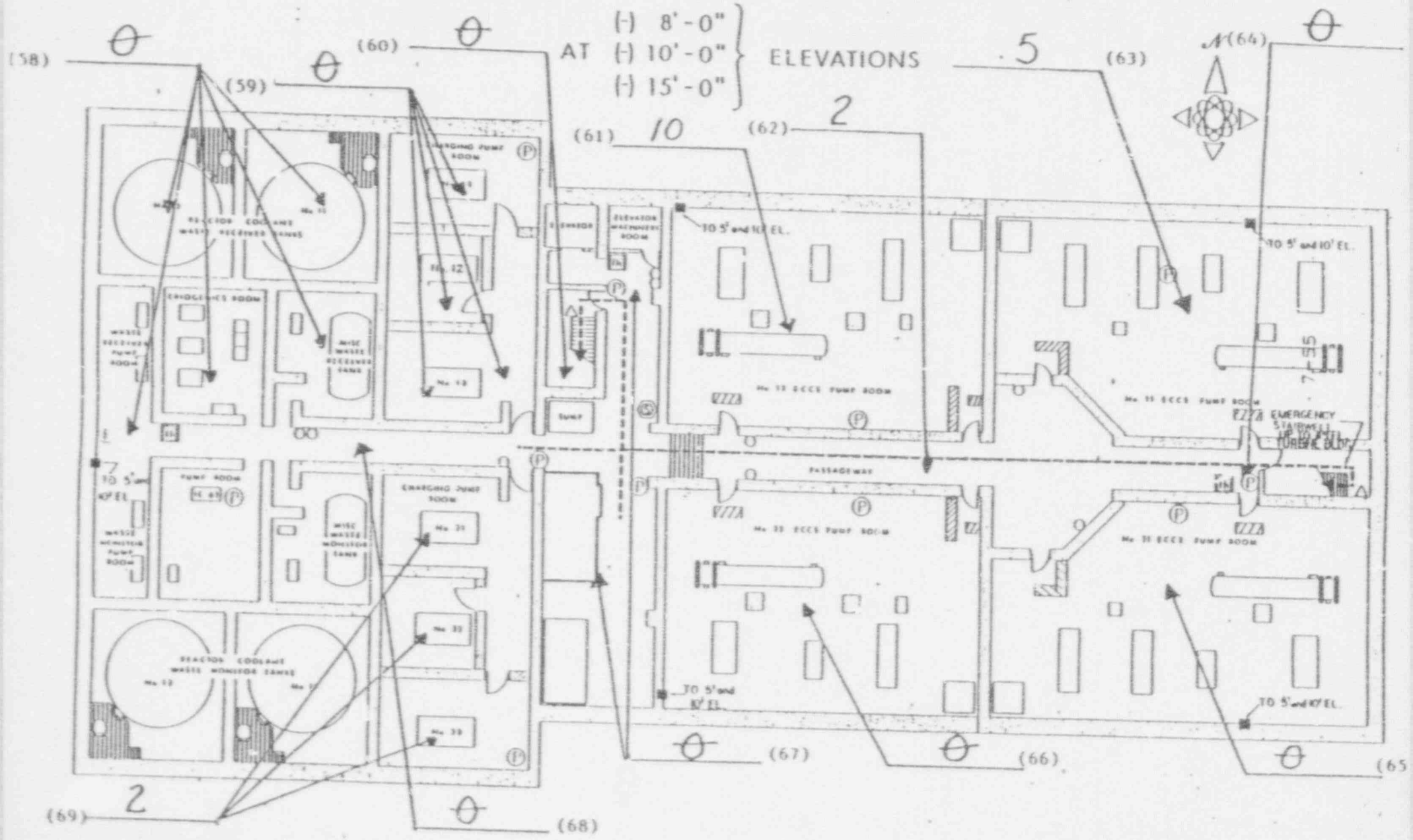
AT (-) 8'-0" (-) 10'-0" (-) 15'-0" } ELEVATIONS



-10'
Scen · Time: 05:00
All data in MR/h

UNITS 1 & 2 AUXILIARY BUILDING PLAN

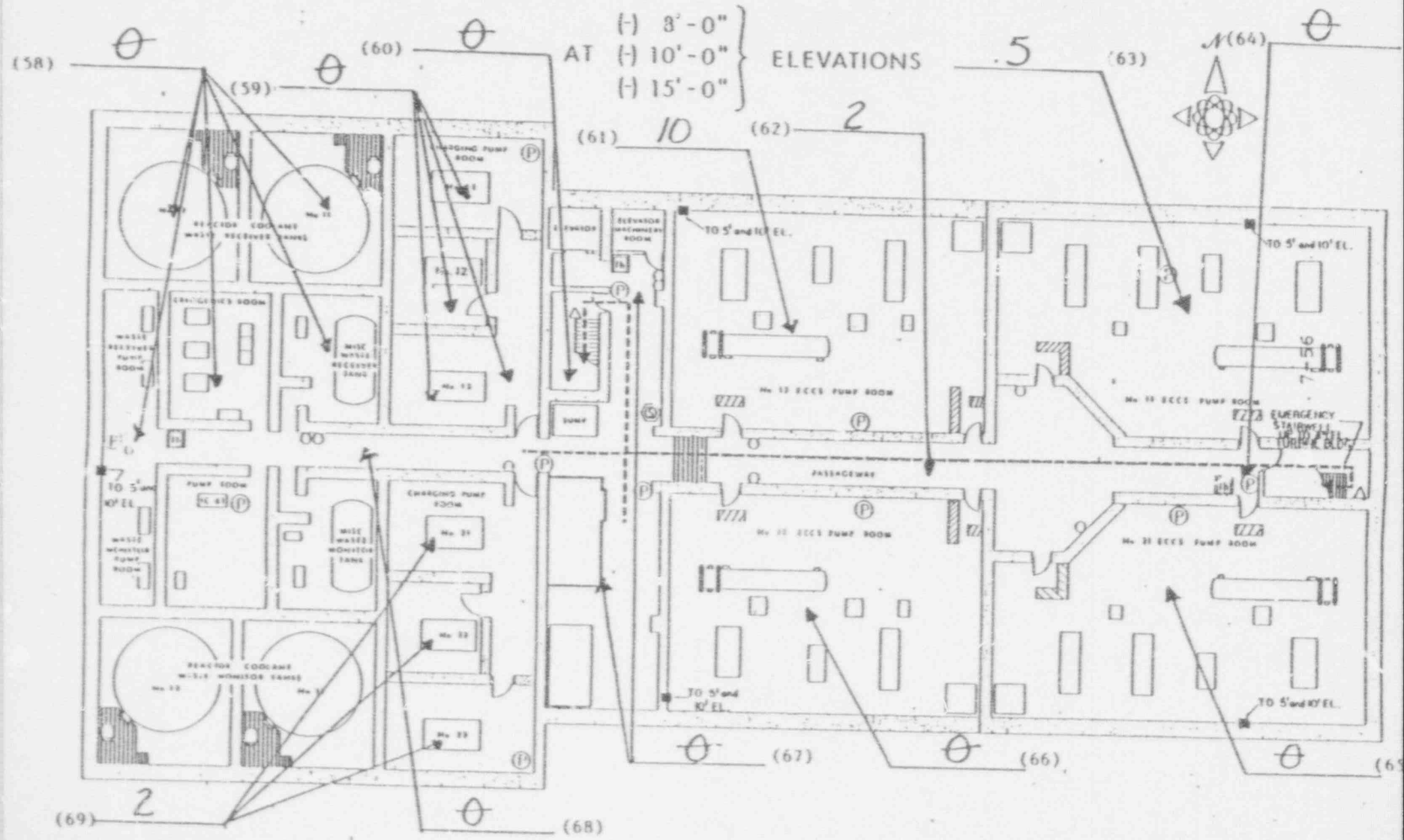
AT (-) 8'-0" (-) 10'-0" (-) 15'-0" ELEVATIONS



-10'
Sce · Time: 05:15
All ... in MR/h

UNITS 1 & 2 AUXILIARY BUILDING PLAN

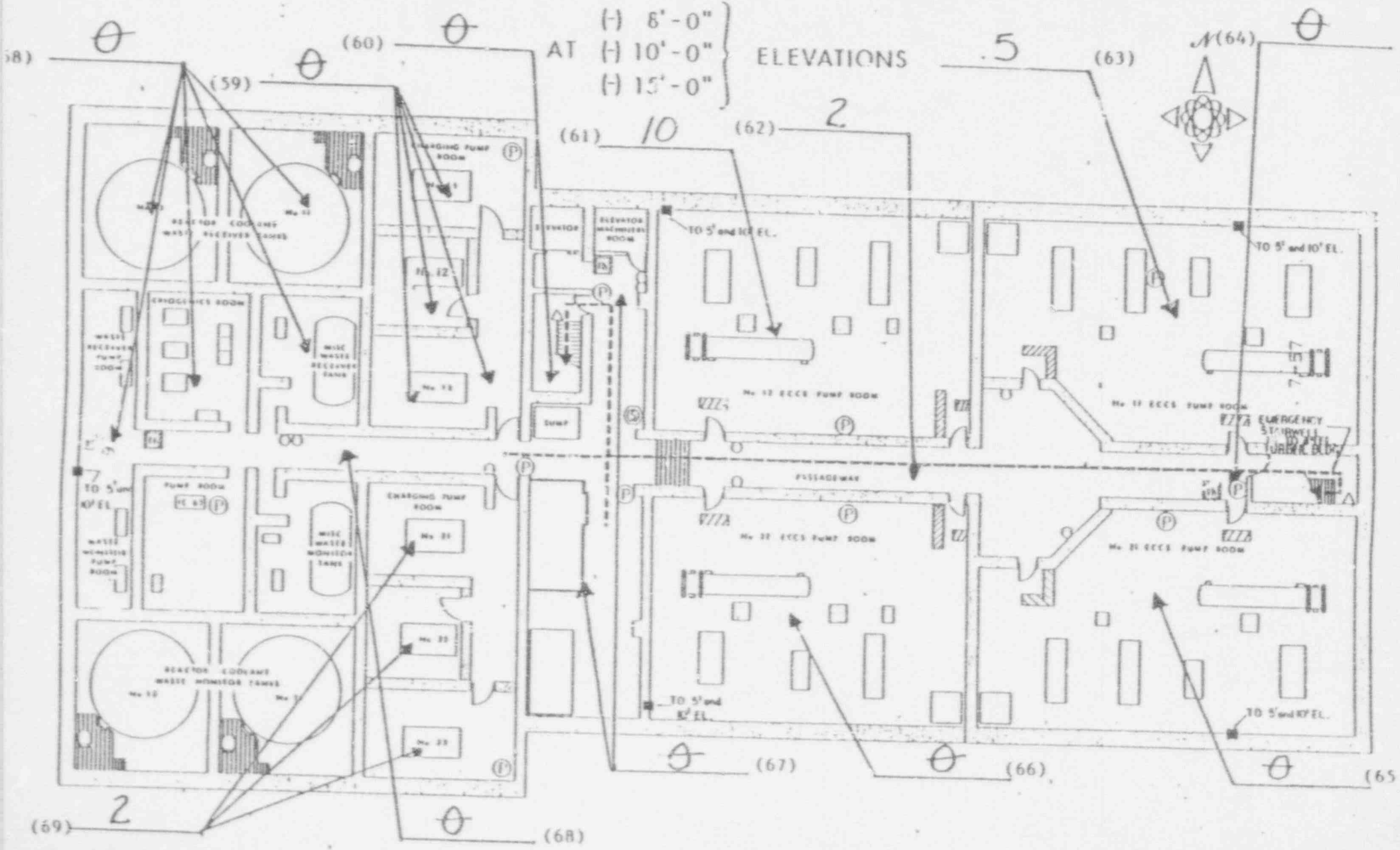
AT (-) 3'-0" / (-) 10'-0" / (-) 15'-0" ELEVATIONS



-10'
See Time: 05:30
All ... in MR/h

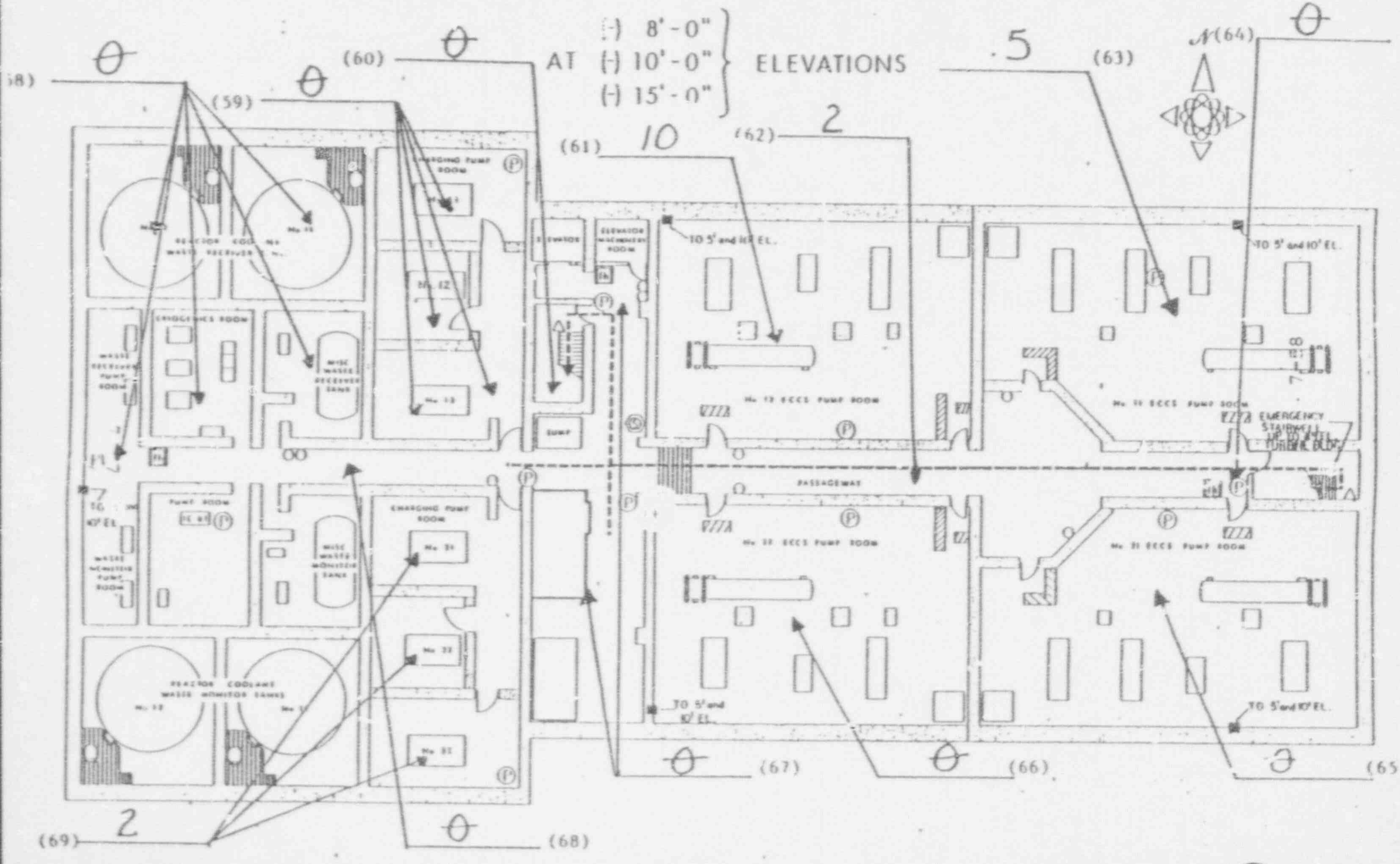
UNITS 1 & 2 AUXILIARY BUILDING PLAN

AT (-) 5'-0" (-) 10'-0" (-) 15'-0" ELEVATIONS



-10-
Scen(Time: 05:45
All data in HR/h

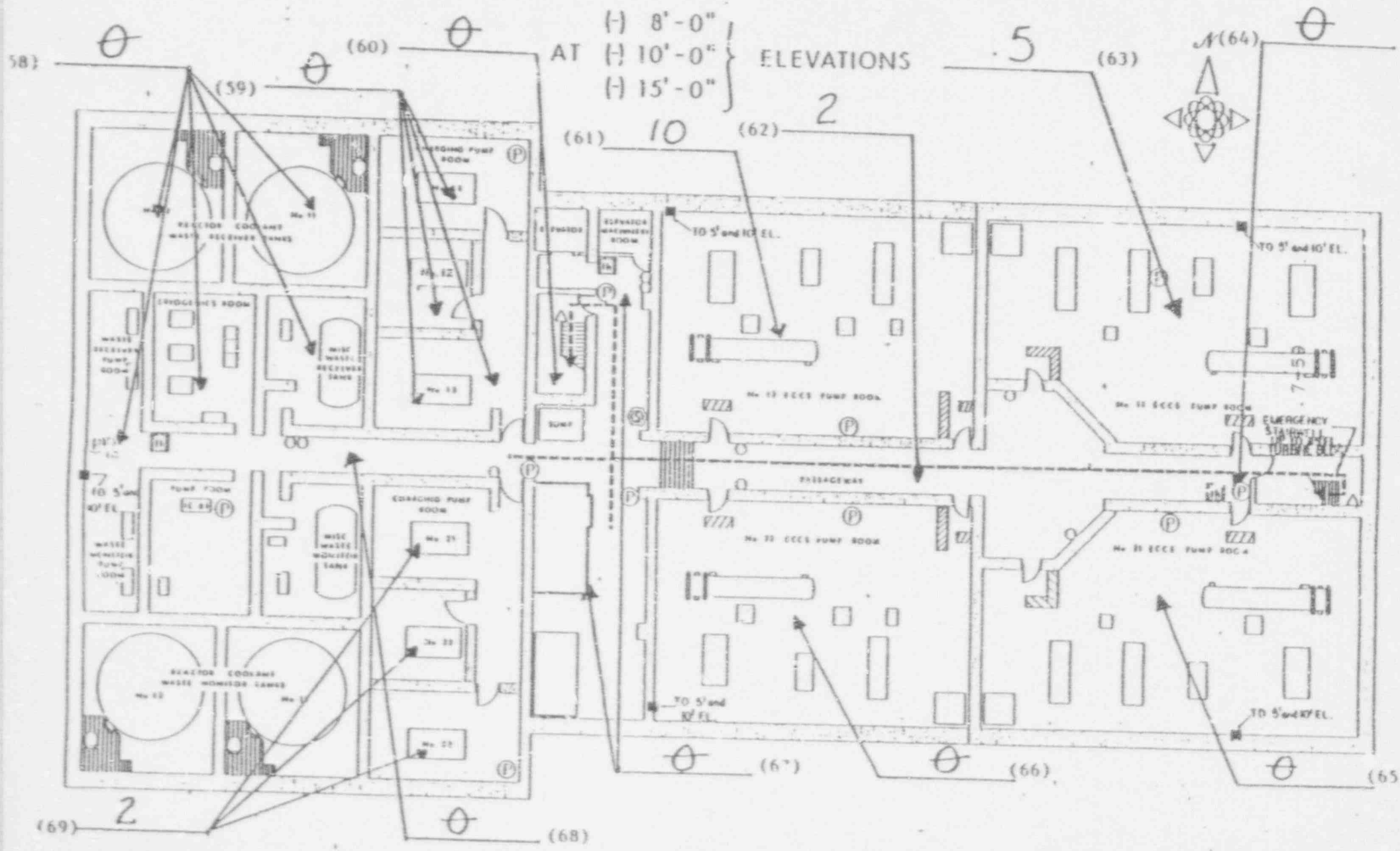
UNITS 1 & 2 AUXILIARY BUILDING PLAN



-10'
Sce Time: 06:00
All ... in MR/h

UNITS 1 & 2 AUXILIARY BUILDING PLAN

(-) 8'-0"
AT (-) 10'-0" } ELEVATIONS
(-) 15'-0"

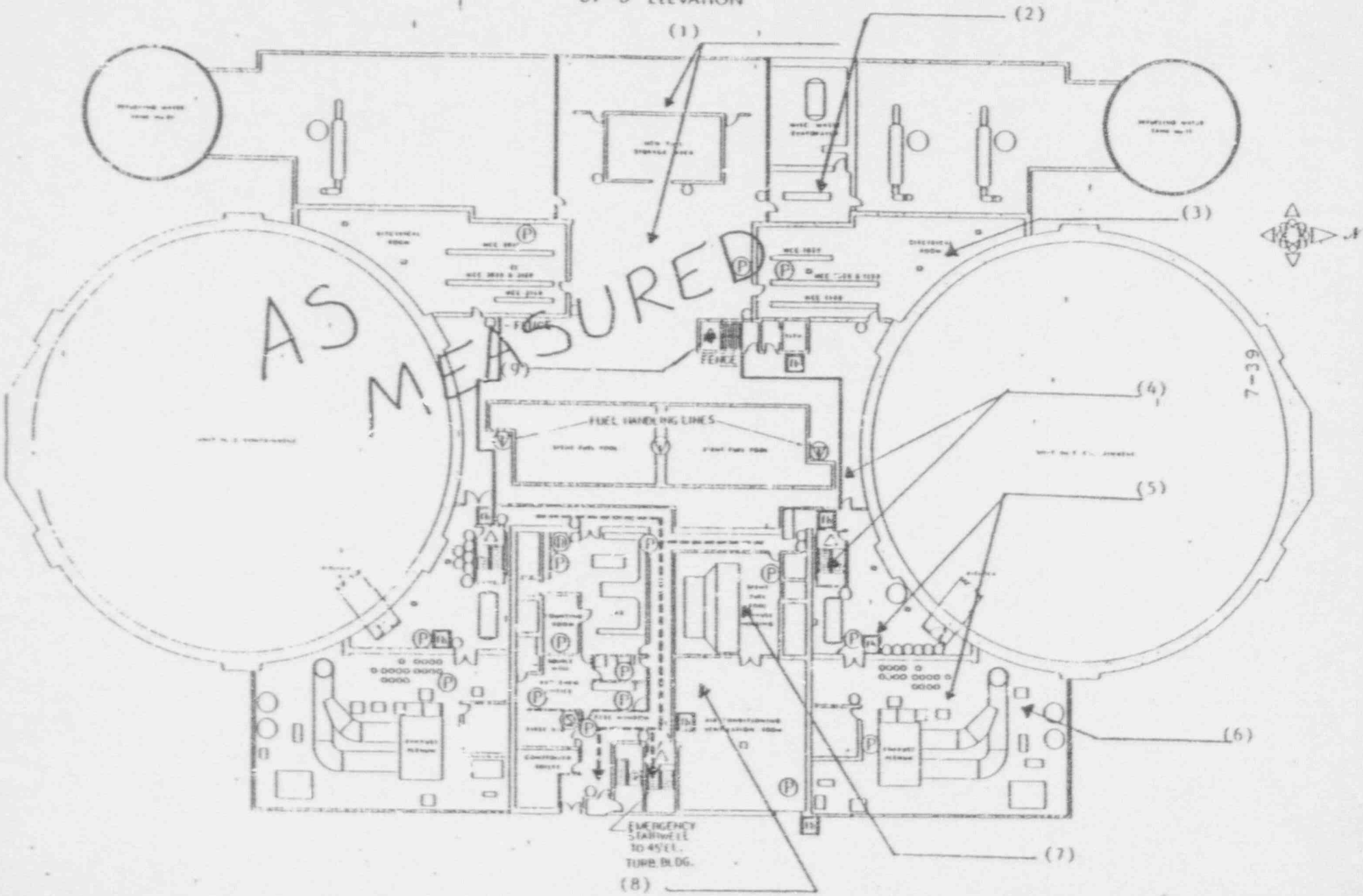


69'
Scenari \ :: 00:00 — 06:00
All data in MR/h

UNITS 1 & 2

AUXILIARY BUILDING PLAN AT

69'-0" ELEVATION



45°

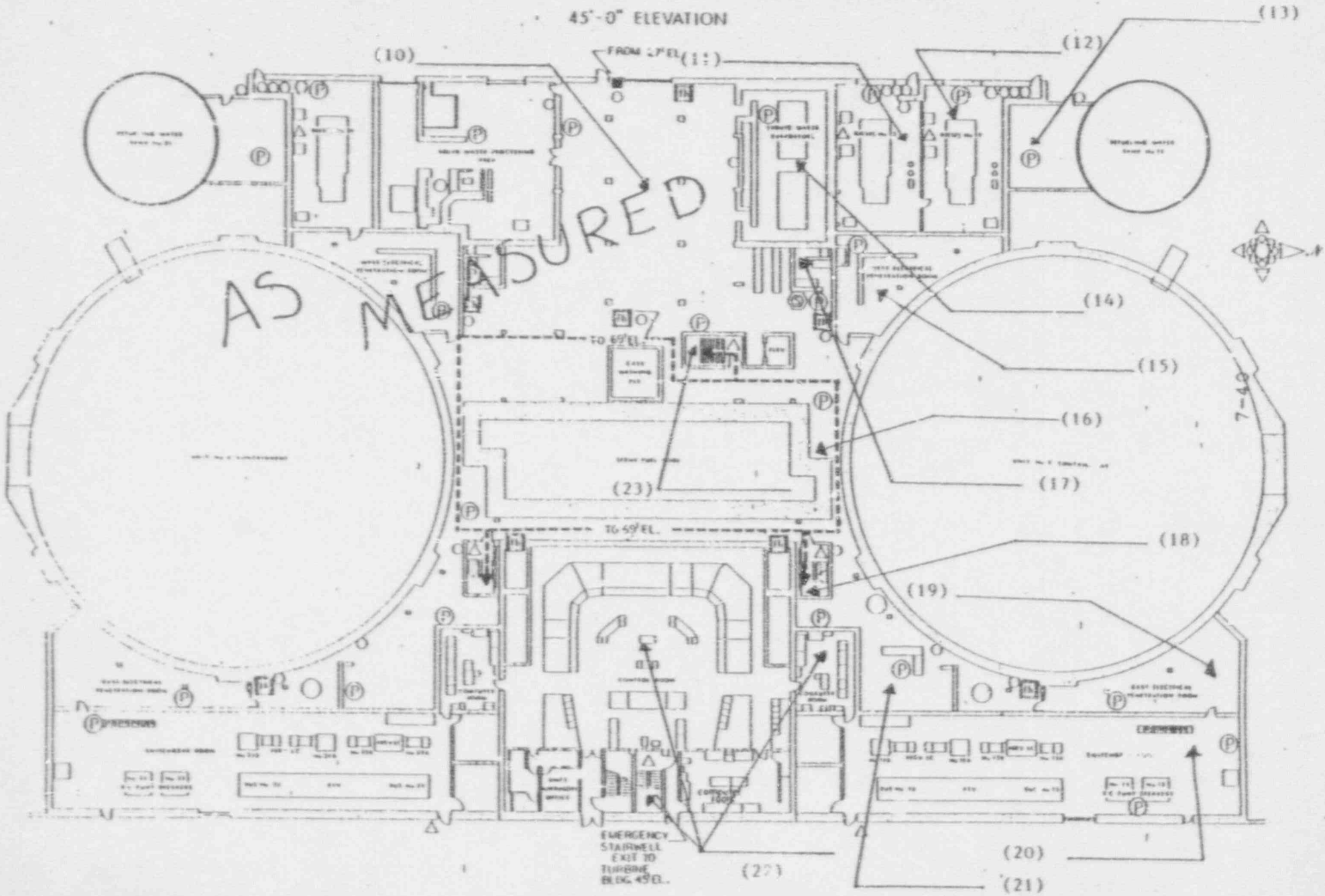
Scena me: 00:00 - 06:00

All data in MR/h

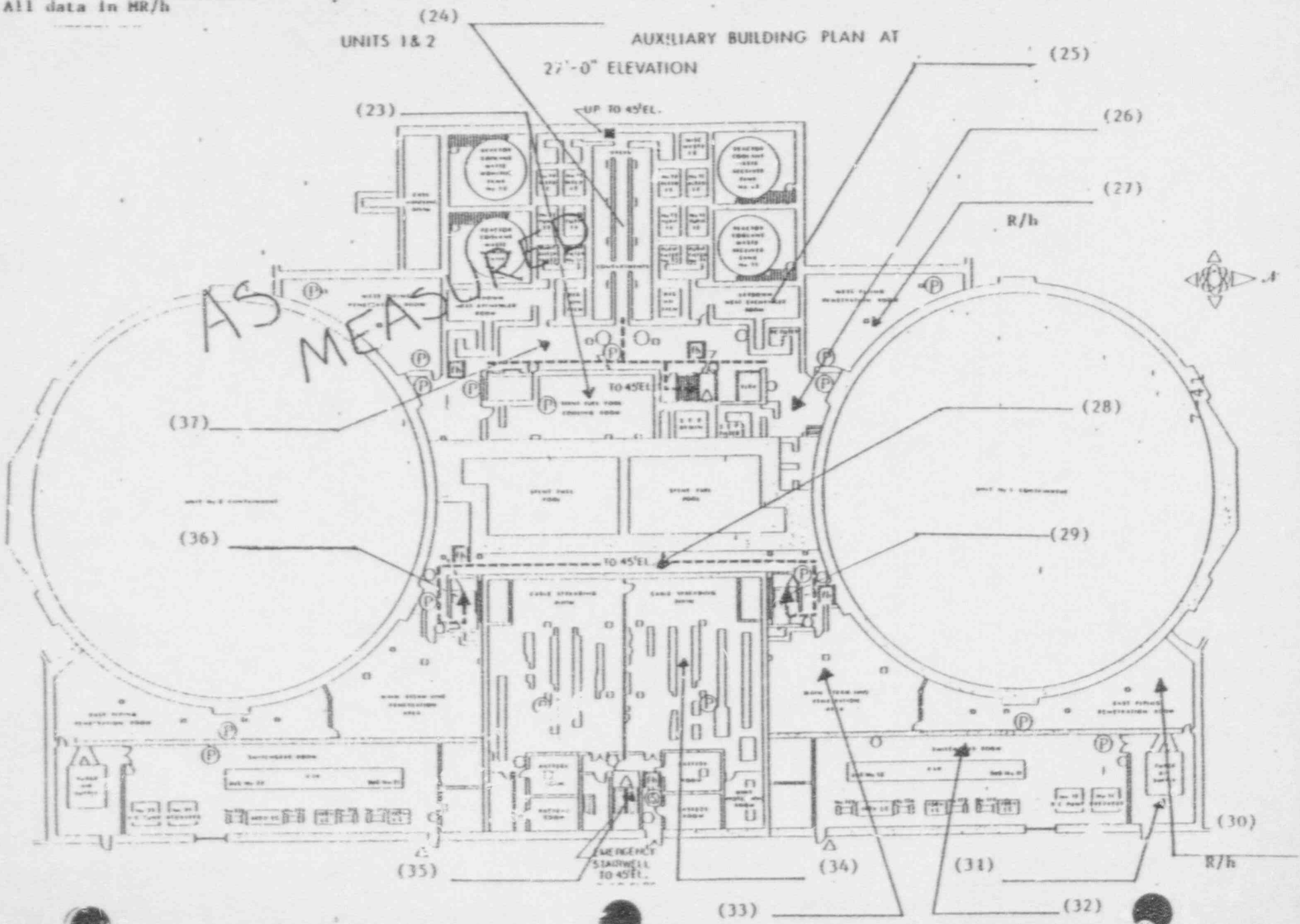
UNITS 1&2

AUXILIARY BUILDING PLAN AT

45'-0" ELEVATION



27'
Scenar. Time: 00:00 - 06:00
All data in MR/h



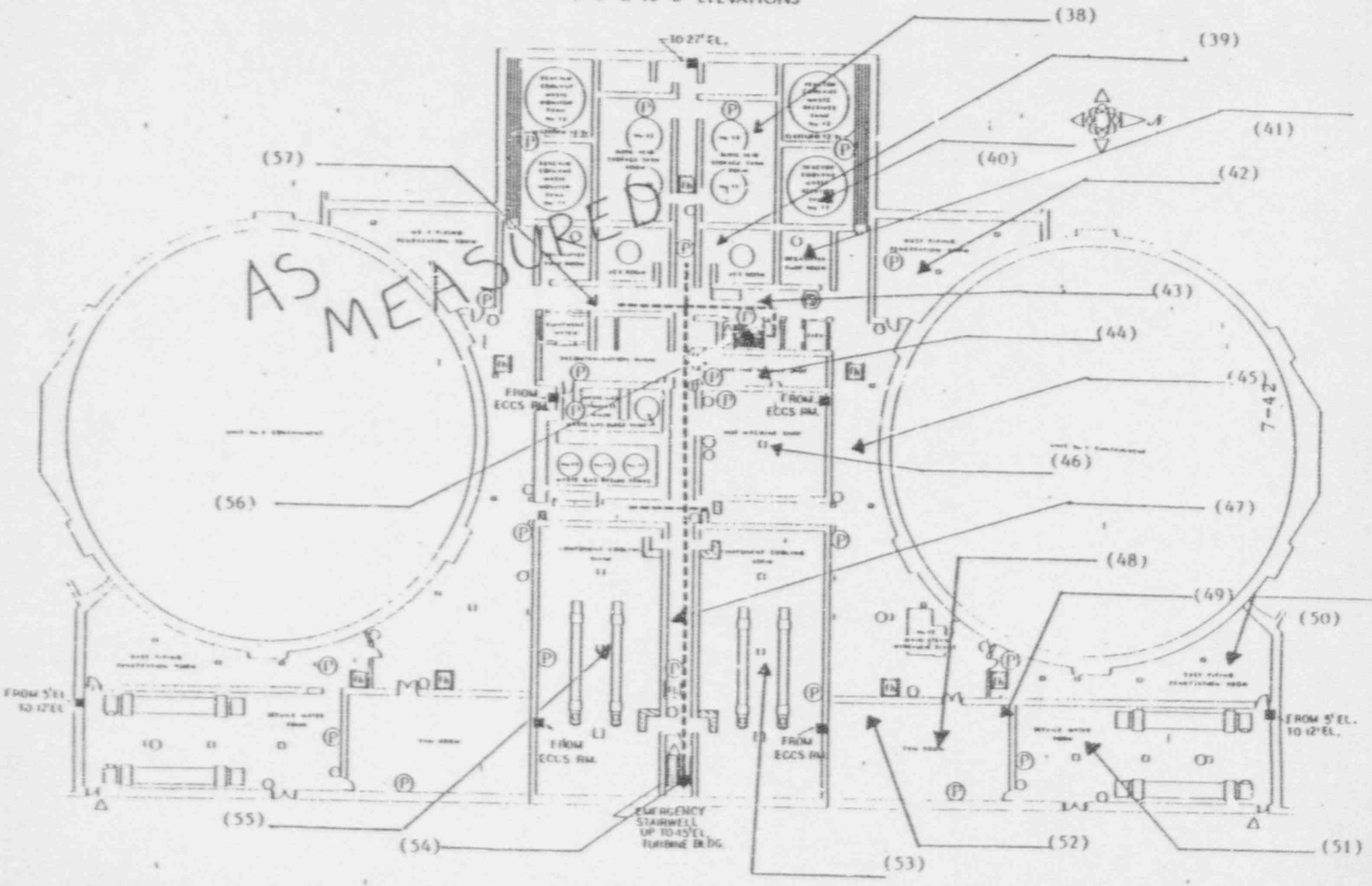
5'

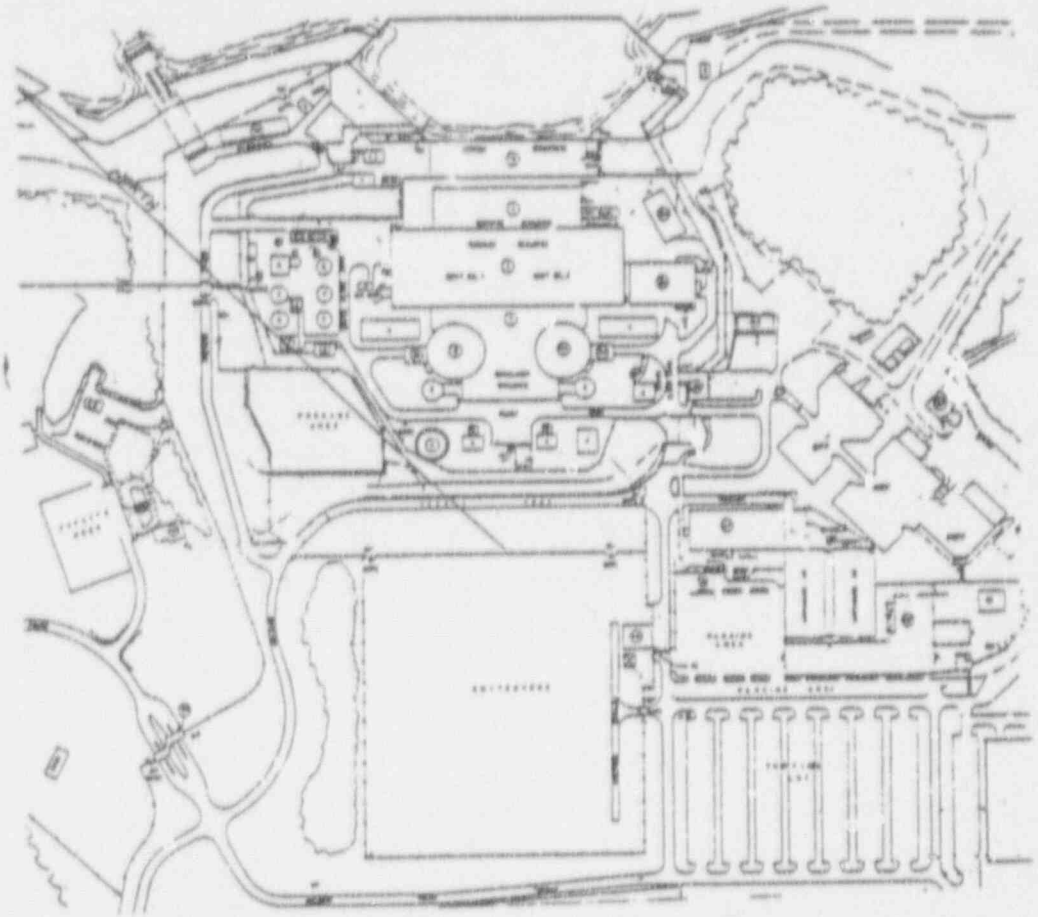
Scenario Time: 00:00 - 06:00

All data in MR/h

UNITS 1&2

AUXILIARY BUILDING PLAN AT
5'-0" & 10'-0" ELEVATIONS





Controller Note:

Offsite Monitoring Teams will be expected to perform monitoring of air activity and ambient radiation levels. Plume direction will be determined by actual meteorology.

All offsite readings will be as-measured readings.