1992 FULL PARTICIPATION EMERGI RESPONSE EXERCISE MANUAI

FOR THE

INDIAN POINT THREE NUCLEAR POWER PLANT SEPTEMBER 23, 1992



NEW YORK POWER AUTHORITY

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INDIAN POINT NO. 3 NUCLEAR POWER PLANT

1992 NRC OBSERVED FULL PARTICIPATION EXERCISE

SEPTEMBER 23, 1992

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SECTION 1

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GROUND RULES AND SAFETY PRECAUTIONS

<u>NEW YORK POWER AUTHORITY</u> INDIAN POINT NO. 3 NUCLEAR POWER PLANT

1992 NRC OBSERVED FULL PARTICIPATION EXERCISE

SEPTEMBER 23, 1992

Indian Point 3 Nuclear Power Plant P.O. Box 215 Buchanan, New York 10511





September 21, 1992

ALL SITE PERSONNEL MEMORANDUM TO: DAVE BELL

FROM:

EMERGENCY PLANNING COORDINATOR

SUBJECT: EXERCISE GROUND RULES AND SAFETY PRECAUTIONS

In accordance with NUREG-0654 and the IP-3 Emergency Plan, an Emergency Plan Exercise is being conducted on September 23, 1992. The exercise may extend beyond the normal work hours of some personnel. As such, overtime for eligible employees has been approved.

All exercise participants are required to observe the following Exercise Ground Rules for the duration of the exercise. If you have any questions regarding these Ground Rules, contact an Exercise Controller for clarification.

- Take no actions that affect plant or non-drill related operations. 1.
- 2. Take immediate action to restore safe operation if an unsafe condition exists. Ignore the exercise situation if actual safety becomes a concern.
- 3. Ensure all communications indicate "THIS IS A DRILL". Make a positive statement that you are making an exercise related message both at the beginning and end of all messages or conversations. If communication lines are kept open for extended periods, periodically repeat the statement.
- 4. Make all required notifications. These include: notification to site personnel, NYPA Headquarters, New York State and the Counties, NRC Headquarters and IP-3 Resident Inspector, ANI, INPO, and Con Edison. Be sure to indicate that "THIS IS A DRILL".
- 5. There will be one or more Observer/Controllers at each important location. These individuals will provide information that would normally be available at that location (e.g., reactor status in the Control Room, dose rate readings with field teams, etc.). Only selected parameters and readings will be provided. The selected information will be sufficient to make decisions in accordance with the IP-3 Emergency Plan. Use only the information provided. Do not improvise information.
- 6. In most cases, you are expected to perform all the tasks that would be required as a result of the simulated events (e.g., access information, utilize instrumentation, obtain any procedures, drawings, parts, and tools needed to effect repair or "fixes"). Controllers will provide clarification on actions which are to be simulated or are outside the scope of this exercise in order to keep the exercise progressing in accordance with the scenario.



- 7. Be sure the Observer/Controller is aware of your actions (e.g., do not dispatch a monitoring or repair team unless the Controller is aware of it; he may choose to send an Observer/Controller with that team).
- 8. Offsite Monitoring Team Observer/Controllers will inform teams to <u>request</u> information from them as they need it. They shall demonstrate use of the equipment before the exercise data are provided to them.
- 9. Observer/Controllers will observe all aspects of the exercise in order to prepare an in-house evaluation of plans, procedures, training, and performance. NRC and other personnel will also be evaluating the performance of participants at each location.
- 10. "Dressing out" of some participants may be requested in accordance with the scenario and shall be consistent with actual radiological conditions.
- 11. Post accident samples will not be taken. However, teams may be chosen, briefed, and dispatched. Due to the condensed time frame of the scenario, the results of the sample analysis will be given to the team at the appropriate time.
- 12. Remaining strictly within the bounds of ALARA, no entries will be made into containment for exercise purposes. Teams will don protective clothing and follow procedures up to the airlock but will simulate entry into containment.
- 13. If evacuation of onsite personnel is warranted, only a small group from the affected areas will be evacuated.

If during any part of the exercise you are having trouble accomplishing your required duties, confusion arises, or clarification is necessary, ask your Controller. Controller assistance or clarification does not necessarily imply failure on your part. Your Controller will know the limitations of information he can provide you and will assist you only to the extent necessary.

This exercise is conducted to evaluate our Emergency Plan. The exercise is also a training vehicle for members of the IP-3 Emergency Response Organization to practice working together and with outside organizations. Please make note of any improvements in any area that you observe as a participant and submit them to the Observer/Controllers at the conclusion of the exercise.

Thank you for your participation and adherence to these rules.



SECTION 2

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OBJECTIVES

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<u>NEW YORK POWER AUTHORITY</u> INDIAN POINT NO. 3 NUCLEAR POWER PLANT

1992 NRC OBSERVED FULL PARTICIPATION EXERCISE

SEPTEMBER 23, 1992

Indian Point 3 Nuclear Power Plant PO Box 215 Buchanan, New York 10511 914 736.8001



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Joseph E. Russell Resident Manager

June 19, 1992 IP3-NRC-92-038

Docket No. 50-286 License No. DPR-64

Mr. Thomas T. Martin Regional Administrator - Region 1 U.S. Nuclear Regulatory Commission 475 Allendale Road King of Prussia, PA 19406

Dear Mr. Martin:

Enclosed are the objectives for the Indian Point 3 Full Participation Emergency Preparedness Exercise scheduled to be conducted on September 23, 1992. These objectives are submitted in accordance with the timeframe set forth in NRC Inspection Manual Procedure 82302, Review of Exercise Objectives and Scenarios for Power Reactors (03/24/89), and FEMA-REP-14, Radiological Emergency Preparedness Exercise Manual (9/91).

This Exercise will be conducted in accordance with 10CFR50 requirements. The New York Power Authority intends to fully test the Site response to a simulated emergency condition at Indian Point 3. Active participation by New York State and the surrounding counties is planned.

Interaction between the NRC staff and the New York Power Authority concerning scenario development for this Exercise is anticipated and welcomed at this time.

Should you or your staff have any questions, please feel free to contact David D. Bell, Site Emergency Planning Coordinator at (914) 736-8403.

...

Respectfully;

Joseph E. Russell Resident Manager Indian Point 3 Nuclear Power Plant

JER/DDB/po

Enclosure

cc: Document Control Desk (original) U.S. Nuclear Regulatory Commission Washington, D.C. 20555

> Ebe McCabe, Chief Emergency Preparedness Section U.S. Nuclear Regulatory Commission 475 Allendale Road King of Prussia, PA 19406

> Resident Inspector's Office - IP3 U.S. Nuclear Regulatory Commission P.O. Box 337 Buchanan, NY 10511

INDIAN POINT NO. 3 NUCLEAR POWER PLANT <u>1992 FULL PARTICIPATION EXERCISE</u> <u>SEPTEMBER 23, 1992</u>

PURPOSE/SCOPE/OBJECTIVES

A. <u>PURPOSE:</u>

The purpose of this Exercise is to demonstrate the ability of the IP3 Emergency Response Organization to respond to a simulated emergency at IP3. It is also designed to demonstrate the capabilities of the Emergency Response Facilities and Emergency Response Plans and Procedures to support this response.

B. <u>SCOPE:</u>

The scenario is designed to activate the IP3 and Headquarters Emergency Plans and Procedures through the various action levels. Although the scenario accurately simulates operating events, it is not intended to be used to assess the operators' diagnostic capabilities but rather provides sequences which ultimately demonstrate the operators' ability to respond to events which result in exercising emergency plans and procedures. Free play is encouraged and the controllers will interfere only if operator/player action prematurely terminates the exercise or excessively deviates from the scenario timeline.

The scenario is developed and reviewed by a committee consisting of representatives from many disciplines including Emergency Planning (Site and Corporate), Radiological Engineering, Training, Simulator, Public Affairs, Chemistry, Fire Protection, and Instrument and Control. The New York State Emergency Management Office also provided a representative to the committee to ensure that the scenario was sufficient to allow the offsite agencies to demonstrate their objectives.

The Exercise will be conducted during normal work hours and will last approximately nine (9) hours.

Since this is a Full-Participation Exercise, it will include active participation by Orange, Putnam, Rockland, and Westchester Counties as well as New York State. Support is anticipated from Consolidated Edison (IP2) for offsite survey teams. The New York Power Authority will activate all of their Emergency Response Facilities including the Control Room, Operations Support Center, Technical Support Center, Emergency Operations Facility, Joint News Center, and Headquarters Recovery Center.

At no time will the exercise be permitted to interfere with the safe operation of IP3. To ensure this goal, plant management may suspend the exercise, or any part of it, for any period of time if a plant safety issue arises.

C. <u>OBJECTIVES:</u>

All of the major elements that are to be included in every exercise, as outlined in NRC Inspection Procedure 82302 (03/24/89), are incorporated into the objectives for this Exercise. In addition, eight (8) of the elements that should be exercised over a five (5) year period are included in the objectives and are as follows:

- 1. Activation of emergency news center.
- 2. Use of fire control teams.
- 3. Use of licensee's headquarters support personnel.
- 4. Rumor control.
- 5. Capability for determining the magnitude and impact of the particular components of a release.
- 6. Use of potassium iodide.
- 7. Assembly and accountability.
- 8. Recovery and re-entry.

In order to meet the purpose of this Exercise, the following <u>general</u> objectives will be demonstrated:

- 1. The IP3 staff will identify and classify simulated emergency conditions in accordance with the Site's Emergency Action Levels and Initiating Conditions.
- 2. The IP3 staff will activate the Station's Emergency Plan in response to a simulated emergency.
- 3. The IP3 staff will make proper and timely notifications on and offsite through the emergency classifications, and activate the Emergency Response Facilities (ERF's) in an efficient and timely manner.
- 4. The Emergency Response Organization (ERO) will staff and effectively utilize the ERFs and their associated emergency response equipment.
- 5. ERF Managers will demonstrate timely and effective decisions to mitigate the consequences of the event and clearly demonstrate command and control.
- 6. The IP3 staff will conduct and continuously maintain accountability of Site personnel.
- 7. The ERO will demonstrate second shift staffing via Roster only (except for Operations and Security).
- 8. The ERO will demonstrate communications among the licensee's ERF's.

The following <u>specific</u> objectives are broken down by emergency response facility or function. These objectives were used to develop the exercise scenario and provide a framework for drill observers to evaluate the exercise response.

1. <u>CONTROL ROOM (CR):</u>

a. The CR staff will quickly detect and adequately assess accident conditions.

- b. The CR staff will notify the State, Local, and Federal levels of government in accordance with established procedures (RECS Line, NRC ENS Line).
- c. The CR staff will adequately turn over control of the event upon activation of the Emergency Operations Facility (EOF).

2. OPERATIONS SUPPORT FACILITY (OSC):

- a. The OSC Manager and OSC Team Leaders will organize, brief, and dispatch Repair and Corrective Action Teams as necessary.
- b. The Health Physics staff will maintain proper radiological controls as necessary throughout the course of the event.
- c. The OSC staff will verbally communicate information between the OSC and Repair and Corrective Action Teams as necessary.
- d. The OSC staff will assist in the evacuation of non-essential personnel from the site as necessary.

3. <u>TECHNICAL SUPPORT CENTER (TSC):</u>

- a. The TSC staff will perform engineering evaluations of required corrective actions.
- b. The TSC staff will continually monitor the status of the core and perform core damage assessment as appropriate.

4. EMERGENCY OPERATIONS FACILITY (EOF):

- a. The EOF staff will adequately take control of the event and assume all notifications to State, Local, Federal levels of government, and offsite agencies in accordance with established procedures.
- b. The EOF staff will quickly detect and adequately assess accident conditions.
- c. The EOF staff will evaluate the source term and make dose projections based on plant parameters and field surveys.
- d. The EOF staff will determine the magnitude and impact of the particular components of a release.
- e. The EOF staff will formulate and take the actions necessary to protect station personnel and the general public based on plant parameters, inplant and onsite field surveys, and/or offsite field monitoring information.
- f. The EOF staff will coordinate with Westchester EOC County Officials the evacuation of non-essential site personnel as necessary.

g. The need for the use of potassium iodide by Repair and Corrective Action Teams will be discussed by the Emergency Director.

5. <u>SECURITY:</u>

- a. The IP3 Security staff will control site access and site evacuation as directed by the Emergency Director.
- b. The IP3 Security staff will provide security at the EOF and JNC.

6. <u>ACCOUNTABILITY:</u>

a. Accountability of personnel within the IP3 protected area will be conducted within 30 minutes and maintained throughout the exercise.

7. FIRE BRIGADE:

The Site Fire Brigade will respond to a simulated fire at the Site in accordance with procedures.

8. <u>PUBLIC INFORMATION/JNC:</u>

- a. The Public Information Staff at the IP3 Site will provide clear and concise information to the Joint News Center during all phases of the exercise.
- b. Power Authority staff at the JNC will develop and release clear, accurate, concise, and timely news releases.
- c. Power Authority staff at the Joint News Center will conduct news media briefings in a clear, accurate and timely manner.
- d. Power Authority staff at the Joint News Center will establish and operate rumor control, including media monitoring, in coordination with State and County representatives.

9. HEADQUARTERS/RECOVERY CENTER:

- a Recovery Center Engineers will demonstrate their ability to interface with the TSC on technical issues.
- b. Recovery Center staff will provide general support to the Site as per Headquarters procedures.
- c. Recovery Center staff will coordinate requests for supplementary assistance from federal and industry groups.
- d. Recovery Center staff will conduct recovery and re-entry discussions with the Site.

9. EXERCISE CONTROL AND EVALUATION:

- a. The exercise controllers will referee the Exercise in accordance with the prescribed scenario time line.
- b. The exercise controllers will provide scenario data and answer questions without prompting exercise players.
- c. The exercise observers will adequately critique exercise performance.

D. EXERCISE AND DRILLS:

- a. This Exercise incorporates the following drills:
 - 1. Communication Drill ~ The IP3 staff will demonstrate the ability to notify and communicate with State and Local governments, and field assessment teams.
 - 2. Health Physics Drill ~ The Health Physics staff will respond to and conduct analysis of simulated elevated samples and direct radiation measurements within the plant environment.
 - 3. Fire Drill ~ The IP3 Fire Brigade will respond to a fire within the plant as per Site Fire Procedures.

E. CONCEPT OF OPERATIONS AND CONTROL OF THE EXERCISE:

The Authority will supply official Controllers/Observers for locations where an emergency response is being demonstrated. Prior to the exercise, the Controllers and Observers will attend a briefing where they will be provided with locations, maps, time periods, technical information, exercise guidelines, and an evaluation checklist for their exercise assignments.

The exercise initiating events and information will be controlled by the Lead Controller at IP3. The Lead Controller will have the responsibility to control and coordinate the time sequence of initiating events.

The simulated accident will continue to develop based on data and information provided to the Emergency Response Facility personnel by the Controllers. Certain inconsistencies (such as technical reasons for equipment failure) may be intentional. Such inconsistencies may be necessary due to the restrictions of simulating an accident that has never occurred, and the requirement to provide an exercise basis which tests both Site and Offsite capabilities to the maximum extent feasible in a limited time. The Lead Controller shall have the authority to resolve or explain any inconsistencies or problems that may occur during the exercise. With the exception of such potential inconsistencies, the internal operation of the Site ERFs shall be consistent with their intended operation in a real emergency.

F. MAINTAINING EMERGENCY READINESS:

Actions taken by the participants will not reduce plant or public safety. The potential for creating real radiological or other emergencies shall be specifically avoided. All messages about real events will be clearly identified. For example, a real message will be preceded with the words "This is <u>NOT</u>, repeat <u>NOT</u> a drill message".

During the exercise, the ability to recognize real conditions will be maintained. The exercise will be terminated in the event a real emergency condition exists. The exercise scenario will not result in degradation of systems, equipment, or supplies, not will it affect the detection, assessment, or emergency response capability of the plant.

SECTION 3

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OPERATIONS AND CONTROL

NEW YORK POWER AUTHORITY INDIAN POINT NO. 3 NUCLEAR POWER PLANT

1992 NRC OBSERVED FULL PARTICIPATION EXERCISE

SEPTEMBER 23, 1992

SECTION 3

INDIAN POINT NO. 3 NUCLEAR POWER PLANT 1992 NRC OBSERVED FULL PARTICIPATION EXERCISE SEPTEMBER 23, 1992

OPERATIONS AND CONTROL

I. INSTRUCTIONS FOR OBSERVERS AND CONTROLLERS

The 1992 Full Participation Exercise for the Indian Point No. 3 Nuclear Power Plant will be conducted in accordance with IP-3 Emergency Plan Implementing Procedure IP-1080 - Conduct of Emergency Exercises and Drills. This procedure describes the types of exercises and drills mandated, planning criteria, responsibilities of Controllers and Observers, and follow-up procedures for critique, reporting, and corrective actions.

- A. The following provides guidelines with regard to activity simulation:
 - 1. The taking of chemistry samples will be simulated. Teams will, however, be chosen, briefed, and dispatched. Because of the condensed time frame of the scenario, results of the samples will be provided to the teams consistent with the scenario time line.
 - 2. "Dressing out" of some participants may be requested in accordance with the scenario and shall be consistent with actual radiological conditions.
 - 3. Remaining strictly within the bounds of ALARA, no entries will be made into containment or other high radiation areas. (Entry into PAB cells will be at the discretion of the Controller.)
 - 4. Actions that affect plant or non-exercise related operations and equipment will be simulated. Repair teams may be required to actually accumulate necessary tools, repair parts, and reference materials to perform assigned tasks at the discretion of the Lead OSC Controller.
 - 5. Evacuation of entire assembly areas will be simulated. If evacuation is ordered by the Emergency Director, this will be demonstrated by a small group from each affected area and will be evaluated by the Accountability Observer in that area in accordance with IP-1053.
 - 6. Routine plant surveillances (i.e., RCS leakage) may or may not be simulated at the discretion of the Emergency Response Facility Controllers. In cases where such activities do not interfere with the condensed time frame of the scenario, it is expected that Controllers will direct that such activities be performed.
- B. Emergency response activities may include the following:
 - 1. Facility activation and staffing (Control Room, OSC, TSC, EOF, JNC, and NYPA Headquarters/Recovery Center).
 - 2. All notifications and communications.

- 3. Offsite field readings and sampling.
- 4. Dose assessment and protective action recommendations."
- 5. Radiological exposure control including control points, dosimetry issue, in-plant and offsite sampling, and Site access control.
- 6. Utilization of emergency response equipment including the MIDAS system computer, TSC computer system and monitors, and other specific equipment located in each facility as per the Emergency Plan.
- 7. Accountability will be demonstrated by all Site personnel with the exception of actual Watch stations.
- C. In addition, all Controllers and Observers should note the following:
 - 1. All communications leaving the Site must indicate that this is an exercise. The statement "THIS IS A DRILL" must precede and end all such transmissions. If Communicators fail to make this statement, Observers are to immediately correct this deficiency.
 - 2. If evacuation of an assembly area has been called for and demonstrated, the Assembly Area will be considered evacuated. It will no longer be necessary for the Observer to provide any further information to the Area Accountability Officer. However, the Observer should then assist the Accountability Officer in maintaining order and controlling access and egress in the Assembly Area.
 - 3. Controllers and Observers are required to be present at their assigned locations but are not considered to be "visible" to the Players. As such, they should not impede performance of the Players in any way. Observers for OSC Teams should remain in the I&C Manager's Office until they are called upon by the OSC Lead Controller to accompany a team.
 - 4. Prompting player actions is <u>not</u> allowed. You must only provide that information which has been provided to you for dissemination to the Players. Any changes or additions to the scenario must be coordinated through the Control Room and Facility Controllers. If it becomes necessary to issue contingency messages to keep the scenario on track, insure that all Controllers and Observers involved are aware of the change and the reasons for it.
 - 5. In some instances, Observers will also function as Controllers (e.g., those in Assembly Areas, or those with survey teams or repair teams). You should initially tell Players how you will be providing information to them (i.e., if they look at their instruments, readings will be provided; if they report to investigate or repair something, a visual description will be provided, etc.).
 - 6. Observers will complete and submit copies of their respective Observer Checklists to the Emergency Planning Coordinator. Copies of these checklists are attached (Attachment 1).

II. <u>OBSERVER/CONTROLLER ASSIGNMENTS</u> (See

(See Attachment 2)

III. EXERCISE SCHEDULE

An Observer/Controller Orientation and Exercise Briefing will be conducted on Tuesday, September 22, 1992 at 1:00 PM at the IP-3 Training Center. The purpose of this meeting is to present the scenario that will be utilized, review the ground rules for the exercise, address any questions or concerns that the Observers or Controllers may have, and provide the necessary data, maps, field reports, etc. required for presentation to the participants.

The 1992 IP-3 Full Participation Exercise will be approximately 9 hours long and will be conducted during normal working hours on Wednesday, September 23, 1992.

A debriefing for all Observers and Controllers will be held at 8:00 AM on Thursday, September 24, 1992 at the IP-3 Training Center. This will be followed by a formal exercise critique in the Admin. Conference Room at 11:00 AM. At this time, representatives from each Emergency Response Facility or function will present a short summary of the findings in his or her area of observation.

This presentation will include comments stating whether or not the objectives established for the exercise were met in their specific area of observation. Comments will also include correct as well as incorrect actions and should include recommendations for correcting inadequate or unsatisfactory performance and/or procedures.

The Observer/Controllers who will present comments are as follows:

Wayne Robinson	-	Control Room
Paul Saunders	-	Technical Support Center
Marty Albright	-	Operations Support Center
Mary Ann Chaubard	-	Emergency Operations Facility
Don Mayer	-	Radiological Assessment
Mike Kyer	•	Accountability
Tom Weber	-	Security
Steve Van Buren	-	Fire Brigade
Woody Berzins	-	Joint News Center
Steve Horvath	•	NYPA Headquarters/Recovery Center
Marty Albright Mary Ann Chaubard Don Mayer Mike Kyer Tom Weber Steve Van Buren Woody Berzins Steve Horvath		Operations Support Center Emergency Operations Facility Radiological Assessment Accountability Security Fire Brigade Joint News Center NYPA Headquarters/Recovery Center

In accordance with IP-3 Emergency Plan Implementing Procedure IP-1080, an exercise report shall be prepared by the Lead Controller (or his designee) and submitted to the General Manager-Operations. This exercise report shall include the following as a minimum:

- The scenario;
- The assignment sheets;
- An overview of the exercise;
- A listing of each noted shortcoming and associated recommended corrective action;
- Proposed Emergency Plan Corrective Action Report (EPCAR) for each noted deficiency.

OBSERVER CHECKLIST INDEX

- 1. Control Room
- 2. Emergency Operations Facility
 - a. Dose Assessment
 - b. Field Monitoring
- 3. Operations Support Center
 - a. Repair & Corrective Action Teams
 - b. H.P. Technicians
 - c. Chemistry Technician
 - d. Fire Brigade
- 4. Technical Support Center
- 5. Security
- 6. Site Accountability
- 7. Joint News Center
- 8. Recovery Center

DATE: 09/23/92

ATTACHMENT 2

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EXERCISE ASSIGNMENT SHEET					
JOB FUNCTION	OBSERVER	DRILL EXTENSION			
Lead Controller	Dave Bell	(Page)			
Control Room Controller	Wayne Robinson	8274			
Plant Operations Manager Shift Supervisor	Tim Mansell	8436			
Sr. Reactor Operator Reactor Operator CR Communicator(s)	Rich Robenstein	8436			
Nuclear Plant Operators Accountability Officer	Al Martuscelli	8436			
EOF Controller Emergency Director RATL	Mary Ann Chaubard	8486			
Rad. Assessment leam: MIDAS Operator EOF Monitor Dose Assessment Rad. Communicators Survey Teams	Don Mayer	8488			
Communicators Technical Advisor Public Relations P.R. Tech. Assistant Acct. Officers/Clerks	Margaret McGough	8485			
TSC Controller TSC Manager	Paul Saunders	8713			
TSC Mechanical TSC Electrical TSC Beactor	Tony Cerwin	8725			
TSC Communications Room TSC Accountability	Nick DeAntonio	8725			
OSC Controller OSC Manager OSC H.P. Team Leader	Marty Albright	8718			
OSC Chemistry Team Leader OSC I&C Team Leader OSC Maintenance Team Leader OSC Operations Team Leader OSC Security Team Leader OSC Accountability Officer	Bob Cullen	8718			
Watch H.P. Watch Chemist	Joe Darman Joe Matwijiw	8440 (Page) 8460 (Page)			





DATE: 09/23/92

ATTACHMENT 2

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EXERCISE	ASSIGNMENT	SHEET

JOB FUNCTION	OBSERVER	DRILL EXTENSION
Fire Brigade	Steve Van Buren	8700 (Page)
Lead Accountability Officer	Mike Kyer	8497
Training	Mike Khadabux	8667
Warehouse	Dave DiCioccio	8122
2nd Floor Lunch Room	B. Taylor/I. Catano	8020
Construction	Marie Campanaro	8699
Machine Shop	Tom McAvinue, Jr.	8625
Onsite Monitoring Team	Alex Chan	(914) 645-3033
Offsite Monitoring Teams:	,	
(1)	John Hughes	(914) 643-0401
(2)	Dara Gray	(914) 645-3032
Repair & Corrective		
Action Teams:	John Peccie	8700
	John Boccio Charlia Brown	8700
(2)	Barry Dopoyan	8700
(3)	Rich Ruzicka	8700
(4)	Bill Swindell	8700
Security Command Post	Jay Mosher	8067
Security Gates	Tom Weber	8067
Joint News Center	Woody Berzins	8085
Emergency Response Center	Steve Horvath	(914) 681-6330
State		
Putnam	Tony Ferraro	(914) 225-2195
Orange	Matty Mozzor	(914) 294-8066
Westchester	Roger Kowieski	(914) 285-2062
Rockland	Alain Grosjean	(914) 502-1101
Dutchess	Maity Dyster	(714) 431-2004
QA	K. Dulgerian (EOF)	
-	F. Jones (CCR)	
	N. Papaiya (JNC)	
	A. Picciano (TSC)	
	R. Schmidt (OSC)	

SECTION 4

EXERCISE SCENARIO OVERVIEW

NEW YORK POWER AUTHORITY INDIAN POINT NO. 3 NUCLEAR POWER PLANT

1992 NRC OBSERVED FULL PARTICIPATION EXERCISE

SEPTEMBER 23, 1992

SCENARIO OVERVIEW

INITIAL CONDITIONS - 0700 hrs.

The Indian Point Unit #3 Nuclear Power Plant is at EOL and has been operating for the last 85 days at 100% power. Plant operations personnel have just completed shift turnover and no abnormal occurrences have been noted except for the following:

#31 Safety Injection Pump has been declared inoperable after a cooling water line to the pump seal was broken by personnel moving scaffolding into the area in preparation for the upcoming refueling outage. The pump has been inoperable for approximately four (4) hours. A maintenance work request has been initiated and repairs are expected to be complete within twelve (12) hours.

Periodic Test 3PT-M16, Surveillance and In Service Inspection Test, Safety Injection Pumps (Attachment I) was performed on #32 Safety Injection Pump when it was run for operability due to a potential vibration problem. The test results satisfied the acceptance criteria for the test verifying the operability of #32 Safety Injection Pump.

SOP-RCS-4, Reactor Coolant Leakage Surveillance (Attachment II) was initiated during the midnight shift. Initial data was collected at 0330 hours. The minimum four hour data collection requirement will be satisfied at 0730 hours.

A work request was issued at 0600 hours to maintenance to repack fire protection valve FP-4. The work request required isolation of a small portion of the fire protection water header in the 15' elevation of the Turbine Building.

Motor operated block valve MOV-536 has been closed, due to suspected leakage and control power removed at 0300.

Due to preventative maintenance #31 Containment Recirculation Fan Cooler Unit has been removed from service for approximately forty eight (48) hours. All actions required by Technical Specification 3.3.B.2.a have been taken.

Drill Commences - 0700 hrs.

0715: A fire alarm is received in the Central Control Room (CCR) on Zone 32, Turbine Building Lube Oil Storage Bldg. The fire is verified and the fire brigade is mobilized. The fire is extinguished in approximately fifteen (15) minutes. Smokey conditions will continue for some time but will not affect plant operation in any way.

> Radiation levels measured by the containment particulate monitor, which has been responding to the indicated leak, reach the alarm setpoint.



- 0730: A Notification of Unusual Event (NUE) should be declared due to a fire within the protected area, not affecting safety systems that lasts more than ten (10) minutes. (EAL III.A)
- 0745: After collecting the required data for the RCS leakage calculation the operators determine that RCS leakage is approximately 1.2 GPM. This is in excess of the 1 GPM allowed by Technical Specifications for Unidentified Leakage from the Reactor Coolant System. A Reactor Coolant System Leakage Safety Evaluation (SOP-RCS-5) is initiated to try to determine the source of the leakage.
- 0830: Plant instrumentation indicates that the leakage from the Reactor Coolant System is inside containment. Charging flow is increased by placing an additional Charging Pump in service. An estimate of system leak rate is performed based on the frequency of makeup water additions to the Volume Control Tank. Approximately 60 GPM is being lost from the Reactor Coolant System to the containment.
- 0845: An <u>Alert</u> should be declared due to the primary coolant leak rate exceeding 50 GPM. (EAL I.A.2)

A controlled plant shutdown is initiated due to RCS leakage in excess of Technical Specification limits. The exact location of the leak may not be determined due to its location inside the Containment Building. (The leak is an unisolable fault in the coolant charging penetration to the Reactor Coolant System).

1015: An automatic safety injection occurs due to Low Pressurizer Pressure. Control room instrumentation indicates that RCS leakage has increased significantly as evidenced by decreasing system pressure and increasing pressure in the Containment Building.

The **#**32 Safety Injection Pump starts and fails.

A <u>Site Area Emergency (SAE)</u> should be declared due to a known loss of coolant accident (LOCA) that exceeds the capacity of two (2) Charging Pumps. (EAL I.A.3)

1115: An electrical fault on 480V AC switchgear 6A causes the normal supply breaker to trip open. Due to the electrical fault, emergency power from #32 Emergency Diesel Generator (EDG) cannot be obtained leaving the bus section de-energized. The reduced electrical power results in the loss of all safety injection flow to the RCS. Radiation levels as read on the Containment Building high range radiation monitors begin increasing. **<u>1145:</u>** A <u>General Emergency (GE)</u> should be declared due to a known LOCA with failure of the Emergency Core Cooling System (ECCS) to perform. (EAL I.A.4.c)

VC High Range Radiation Monitors (R25/26) indicate that some fuel damage has occurred.

- The plant effluent monitor (R-27) indicates that a 1300: radioactive release is occurring. Release of radioactivity from the plant will continue for approximately two (2) hours until the Containment Building pressure is reduced to atmospheric pressure. Investigation into the source of leakage from containment finds that a failed gasket on a blind flange at penetration "XX" (Integrated Leak Rate Test connection), is allowing gas and vapor to escape from the containment into the piping penetration area.
- 1430: Repair teams are successful in clearing the electrical fault on 480V AC bus section 6A and the bus is reenergized from its normal power source. High head injection flow is re-established using #33 Safety Injection Pump. #32 RHR Pump will be started to assist #31 RHR Pump in delivering water from the Refueling Water Storage Tank to the reactor.
- 1445: Containment building pressure has decreased to atmospheric; thereby, terminating the radioactive release. Radioactive gas in the Primary Auxiliary Building (PAB) has been purged, verified by radiation readings by the Plant Effluent Radiation Monitors. Plant effluent radiation levels are decreasing; however, radiation levels in the Containment Building remain very high due to fuel damage.
- **<u>1530:</u>** A repair team is successful in effecting temporary repairs which will prevent any recurrence of leakage from the Containment Building.
- **<u>1545:</u>** Time advance to the recovery phase.
- **1600:** The drill is terminated.

SCENARIO OVERVIEW

TIME SCHEDULE

- 0700 Initial conditions provided to the Central Control Room Operators and Facility Managers. Drill commences.
- 0715 Fire, 15' elevation Turbine Building
- 0730 Notification of Unusual Event (NUE); Fire within the protected area, not affecting safety systems that lasts more than ten (10) minutes. (EAL III.A)
- 0745 Leakage calculation determines that Reactor Coolant System leakage is greater than allowable limits.
- 0830 Reactor Coolant System leakage increases above 50 GPM.
- 0845 Alert; Primary coolant leak rate exceeding 50 GPM. (EAL I.A.2) Controlled plant shutdown initiated.
- 1015 Low Pressurizer Pressure Safety Injection. #32 Safety Injection Pump fails.

Site Area Emergency (SAE); known loss of coolant accident (LOCA) that exceeds the capacity of two (2) Charging Pumps. (EAL I.A.3)

- 1115 Loss of electrical power to 480V AC bus section 6A. Loss of all safety injection flow to the Reactor Coolant System.
- 1145 General Emergency (GE); known LOCA with failure of the ECCS to perform with indication of core damage. (EAL I.A.4.c)
- 1300 Release of radioactive gas from the Containment Building begins.
- 1430 Electrical fault on 480V AC bus section 6A repaired and power is restored enabling the operation of #33 Safety Injection Pump and #32 RHR pump.
- 1445 Containment Building pressure decreases to atmospheric terminating the release of gas from the Containment Building.
- 1530 Repair teams complete repairs on leaking containment penetration, securing the release path against further releases.

1545 Time advance to the recovery phase.

1600 The drill is terminated.

<u>1992</u>

SECTION 5

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PLANT DATA

<u>NEW YORK POWER AUTHORITY</u> INDIAN POINT NO. 3 NUCLEAR POWER PLANT

1992 NRC OBSERVED FULL PARTICIPATION EXERCISE

SEPTEMBER 23, 1992

IP-3 EMERGENCY PLANNING EXERCISE

Date: 9/23/92

Time: 0700

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 1

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
TO:	MESSAGE	COMMENTS	CLASS
CCR	Plant status per plant status log #1.	Operating crew will review plant status log and initial conditions. Ensure that Attachments I and II are provided for their review.	N/A



DATE: 9/23/92

TIME: 0700

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 1

Plant status per plant status log #1.

INITIAL CONDITIONS

The Indian Point Unit #3 Nuclear Power Plant is at EOL and has been operating for the last 85 days at 100% power. Plant operations personnel have just completed shift turnover and no abnormal occurrences have been noted except for the following:

#31 Safety Injection Pump has been declared inoperable after a cooling water line to the pump seal was broken by personnel moving scaffolding into the area in preparation for the upcoming refueling outage. The pump has been inoperable for approximately four (4) hours. A maintenance work request has been initiated and repairs are expected to be complete within twelve (12) hours.

Periodic Test 3PT-M16, Surveillance and In Service Inspection Test, Safety Injection Pumps (Attachment I) was performed on #32 Safety Injection Pump when it was run for operability due to a potential vibration problem. The test results satisfied the acceptance criteria for the test verifying the operability of #32 Safety Injection Pump.

SOP-RCS-4, Reactor Coolant Leakage Surveillance (Attachment II) was initiated during the midnight shift. Initial data was collected at 0330 hours. The minimum four hour data collection requirement will be satisfied at 0730 hours.

A work request was issued at 0600 hours to maintenance to repack fire protection valve FP-4. The work request required isolation of a small portion of the fire protection water header in the 15' elevation of the Turbine Building.

Motor operated block valve MOV-536 has been closed, due to suspected leakage and control power removed at 0300.

Due to preventative maintenance #31 Containment Recirculation Fan Cooler Unit has been removed from service for approximately forty eight (48) hours. All actions required by Technical Specification 3.3.B.2.a have been taken.

- THIS IS A DRILL -

3PT-M16 Rev. 16

ATTACHMENT I

SAFETY INJECTION PUMP FUNCTIONAL TEST

3.6.15.1 Using the hand held vibrometer in both the velocity and displacement mode, hold the probe firmly on the applicable spots as indicated by an X on the drawing below. These spots, red in color, should be indicated on the component to concur with the drawing. Record the amplitude readings in units of mils and in/sec on the data sheet.





3.6.15.2 Bearing Temperature Monitoring

After motor and pump have been operating for at least 15 minutes, measure bearing temperature at locations indicated by an X. Record temperatures below.



Initials

tials

Reactor Coolant Leakage Surveillance

ATTACHMENT II

Rev. 12

Date 9/23/92

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Parameter	Computer	Indicator	Initial	Final
Time		Clock	0330	
RCS Pressure		PT-455, 456, 457 or 474	2235	
Boric Acid Integrator		Integrator	11869	
Primary Water Integrator		Integrator	20120	
Volume Control Tank Level**	L0112A	LT-112	28	
Average Pressurizer Level	U0483		46	
Pressurizer Level (Ch. 1)	L0480A	LI-459	46	
Pressurizer Level (Ch. 2)	L0481A	LI-460	46	
Pressurizer Level (Ch. 3)	L0482A	LI-461	46	
RCDT Level 8		Boron Recycle Panel	20%	
RCDT Level Gallons		From Graph TC-10		
Tavg	T0499A or U048	Recorder	566	
Charging Pump Seal Leakage (31) Measurement)	n (32) <u>O</u> i	n/min (33)_	<u> </u>

*

Only one level indicator need be recorded, preferably Average Pressurizer Level (UO483).

** Do not use VCT level numbers greater than 75% as the level transmitter is nonlinear above 75%. EP FORM 31a

#1

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	PARAMETER	VALUE	
U1170	INCORE T/C TIME AVG VALUE	590	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	625	DEG F
U0484	RCL AVG TAVG	567	DEG F
U0486	RCL HOT AVG T	596	DEG F
PT-402	RCS PRESSURE - LOOP 1	2230	PSIG
PT-403	RCS PRESSURE - LOOP 4	2230	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	59	DEG F
TMARCETA	CET TEMP SAT MAR	63	DEG F
S498AD	RCP #31 STATUS	ON	
S498BD	RCP #32 STATUS	ON	
S498CD	RCP #33 STATUS	ON	
S498DD	RCP #34 STATUS	ON	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	46.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	52.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	53.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	52.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	52.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	52.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	737.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	738.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	738.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	736.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG	0.5	PSIG
FT1200	AUX FD FLOW TO SG #31	0.0	GPM
FT1201	AUX FD FLOW TO SG #32	0.0	GPM
FT1202	AUX FD FLOW TO SG #33	0.0	GPM
FT1203	AUX FD FLOW TO SG #34	0.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	26.0	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	26.0	FT
TC-1416	CONTAINMENT AVG TEMPERATURE	103.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	39.0	\mathbf{FT}
LT-1256	CONTAINMENT SUMP LEVEL	39.0	\mathbf{FT}
LT-1251	RECIRCULATION SUMP LEVEL	35.0	FT
LT-1252	RECIRCULATION SUMP LEVEL	35.0	FT
LT-920	RWST LEVEL	36.1	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR001A	RVLIS FULL RANGE	105.0	PCT
LR001B	RVLIS FULL RANGE	105.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	2.700-04	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	2.700-04	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	0.0	CPS
N-32	SOURCE RANGE DETECTOR	0.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG Q	100.0	PCT

- DRILL INFORMATION ONLY -

EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

#1

09/23/92 0700

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PARAMETER

R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION		7.000E-01	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD		3.000E+00	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	Α	3.000E-09	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	9.000E-05	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	U	1.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	U	1.000E+00	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - TN ALARM	x -	OUT OF ALAR	M CHECKIN

- U UNAVAILABLE OR OUT-OF-RANGE S OUT OF SCAN E ENTERED VALUE
- E ENTERED VALUE

- DRILL INFORMATION ONLY -

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

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#\ <u>TIME OF INFORMATION: 0700</u>

		•	05	DEMARKS	PARAMETER		s	05	PEMARKS
Reactor Coolant Pumps #31 1	x			ALIMAKO	Serv. Water Pmps. #31 5A	x			AL: PINKO
#32.4	x	1			(Essential Header) #32 2A	×			
#33_3	x		7	····	#33 6A	1	x		
#34 2	x				#34 5A	x			
		v			#35 3A		x		
#72 6A		Ŷ			#36.64	· •			
#32 04		Ŷ			RHR Heat Exchangers #31	<u> </u>	x		
Offsite Power Avail 138KV	×				#32		x		
13.8KV	x				Comp. Cool Ht. Exch #31	x			
			v		#32	x			
#32 2A		x	<u>^</u>		Hydrogen Recombiner #31 5A	1	x		
#33 64		x			#32 6A		X		
RHR Pumps #31 3A		x			VC isolation				
#72 64				· · · · · · · · · · · · · · · · · · ·	(Phase A or B valves which	-			
Regist Pumps #31.54		Ŷ			are not in proper				
					position)	ļ			
#32_6A		x							<u> </u>
Aux. Bir. Feed Pumps #31 3A		X				 			
#32		X							
#33 6A		X			High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A			x		#32(GPM)	0			
#32 2A	x				#33(GPM)	0			
#33 5A		x			#34(GPM)	0			
#34 3A	<u>x</u>				Low Head SI Flow #31(GPM)	0			
#35 6A	x				#32(GPM)	0			
Cont. Spray Pumps #31 5A		x			#33(GPM)	0			
#32 6A		×			#34(GPM)	0			·
Charging Pumps #31 5A	x				Accum.Level #31 (%)	12			
#32 3A		x			#32 (%)	17			
#33 6A		X			#33 (%)	22			
Component Cool. Pumps #31 5A	x				#34 (%)	19			
#32 2A		x			Gas Turbines GT-1		x		
#33 6A	x				(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A		x			GT-3		x		
#32 6A		x							
#33 5A		x			Appendix 'R' D/G		x		
#34 6A		x							

IP-3 EMERGENCY PLANNING EXERCISE

Date: 9/23/92

Time: 0715

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 2

ISSUED TO:	SUMMARY OF MESSAGE	ANTICIPATED RESULTS COMMENTS	EMERG. CLASS
CCR	Plant Status Per Plant Status Log #2	The SRO will sound the site fire alarm and summon the fire brigade.	N/A
	Field Report #1-A will be issued when the Fire Brigade Leader is on the scene.	ONOP-FP-1 will be used to direct plant activities related to combatting the	
	Field Report #1 will be issued to the Conventional NPO, describing fire and smoke conditions in the vicinity of the 15' elevation oil storage area.	fire.	
	Fire Alarm - Fire Supervisory Panel Zone 32, Turbine Building Lube Oil Storage Building		

DATE: 9/23/92

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TIME: 0715

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 2

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Plant status per plant status log #2.

Fire Alarm - Fire Supervisory Panel Zone 32, Turbine Building Lube Oil Storage Building

- THIS IS A DRILL -
| | INDIAN POINT UNIT 3
EMERGENCY PLANT STATUS REPORT | 09/2
 | 3/92
L5 |
|--------------|--|----------|------------|
| | PARAMETER | VALUI | E |
| U1170 | INCORE T/C TIME AVG VALUE | 590 | DEG F |
| U0090 | INST VALUE OF HOTTEST INCORE T/C | 625 | DEG F |
| U0484 | RCL AVG TAVG | 567 | DEG F |
| U0486 | RCL HOT AVG T | 596 | DEG F |
| PT-402 | RCS PRESSURE - LOOP 1 | 2230 | PSIG |
| PT-403 | RCS PRESSURE - LOOP 4 | 2230 | PSIG |
| KHTMARCS | LOWEST RCS TEMP SAT MARGIN | · 59 | DEG F |
| TMARCETA | CET TEMP SAT MAR | 63 | DEG F |
| S498AD | RCP #31 STATUS | ON | |
| S498BD | RCP #32 STATUS | ON | |
| S498CD | RCP #33 STATUS | ON | |
| S498DD | RCP #34 STATUS | ON | |
| U0483 | PRESSURIZER LEVEL 1/2/3 AVG | 46.0 | PCT |
| FT-128 | CHARGING PUMP DISCHARGE FLOW | 52.0 | GPM |
| LT-417D | STEAM GENERATOR #31 W.R. LEVEL | 53.0 | PCT |
| LT-427D | STEAM GENERATOR #32 W.R. LEVEL | 52.0 | PCT |
| LT-437D | STEAM GENERATOR #33 W.R. LEVEL | 52.0 | PCT |
| LT-447D | STEAM GENERATOR #34 W.R. LEVEL | 52.0 | PCT |
| U0414 | STM GEN A STM P 1/2/3 AVG | 738.0 | PSIG |
| U0434 | STM GEN B STM P 1/2/3 AVG | 737.0 | PSIG |
| U0454 | STM GEN C STM P 1/2/3 AVG | 738.0 | PSIG |
| U0474 | STM GEN D STM P 1/2/3 AVG | 736.0 | PSIG |
| U1000 | CONTAINMENT P 1/2/3 AVG | 0.5 | PSIG |
| FT1200 | AUX FD FLOW TO SG #31 | 0.0 | GPM |
| FT1201 | AUX FD FLOW TO SG #32 | 0.0 | GPM |
| FT1202 | AUX FD FLOW TO SG #33 | 0.0 | GPM |
| FT1203 | AUX FD FLOW TO SG #34 | 0.0 | GPM |
| LT1128 | CONDENSATE STORAGE TANK LEVEL | 26.0 | FT |
| LT1128A | CONDENSATE STORAGE TANK LEVEL | 26.0 | FT |
| TC-1416 | CONTAINMENT AVG TEMPERATURE | 103.0 | DEG F |
| LT-1255 | CONTAINMENT SUMP LEVEL | 39.0 | FT |
| LT-1256 | CONTAINMENT SUMP LEVEL | 39.0 | FT |
| LT-1251 | RECIRCULATION SUMP LEVEL | 35.0 | FT |
| LI-1252 | RECIRCULATION SUMP LEVEL | 35.0 | F.T. |
| LI-920 | CHEMICAL CDDAV ADDIMINE MANY IVI | 30.1 | FT
DOM |
| D1-931 | CONTAINTER HE CONCENTRATION | 84.0 | PCT |
| HC-MCR | CONTAINMENT H2 CONCENTRATION | 0.0 | PCT |
| | DUITS DUNAMIC HEAD DANCE | 100.0 | PCT |
| LRUUZA | RVLIS DINAMIC HEAD RANGE | 100.0 | PCT |
| | DVITE FUIT DANCE | 100.0 | |
| LECOIR | DVIIS FULL DANCE | 105.0 | |
| N-32 | TNUEDMEDINUE DINCE DEMECHAD | 2 700-04 | ANDC |
| N-35
N-26 | INTERMEDIATE RANGE DETECTOR | 2.700-04 | AMPS |
| VICIIP | INTERMEDIATE RANGE DELECIOR
INTERMEDIATE RANGE DELECIOR | 2.700-04 | AMP2 |
| N-31
N-21 | INIERMEDIATE RANGE START-UP RATE | 0.0 | DECPM |
| N-30
TC-N | SOURCE RANGE DETECTOR
Source dince detector | 0.0 | CPS |
| | SOURCE KANGE DETECTUR | 0.0 | CPS |
| NSSUK | DUD DNG WHOL OWNWER DWD DWG G | 0.0 | DECPM |
| 01168 | PWR RNG NUCL CHANNEL RMP AVG Q | 100.0 | PCT |

#2

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- DRILL INFORMATION ONLY -

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INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 0715

PARAMETER

VALUE

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22

R01	CONTROL ROOM RAD		0.0	0001	E+00	MR/HR
R02	AREA 2 RADIATION		7.0	0001	E-01	MR/HR
R04	CHARGING PUMP ROOM		1.0	000	E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.0	000	E-01	MR/HR
R06	SAMPLE ROOM RAD		6.0	000	E-01	MR/HR
R07	IN CORE INS ROOM RAD		3.0	000	E+00	MR/HR
R08	DRUMMING STATION RAD		8.0	000	E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.0	000	E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	3.0	000	E-09	UCI/CC
R12	CONTAINMENT GAS RADIATION	A	9.0	000	E-05	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.0	000	E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.5	500]	E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.7	700]	E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.0	000	E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.0	000	E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.0	000	E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.(000	E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.0	000	E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.0	0001	E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.0	000	E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	U	1.0	000	E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	U	1.0	0001	E +00	R/HR
R27	PLANT VENT RADIATION		7.7	7001	E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		e	50.0	0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.1	1001	E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.3	3001	E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.0	0001	E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.0	000	E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.3	1001	E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.1	1001	E-01	UCI/CC
R63B 🧳	GROSS FAILED FUEL DETECTOR R63B		2.1	1001	E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.0	0001	E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.0	000	E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.0	000	E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.0	000	E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.0	000	E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.0	000	E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.(0001	E-01	MR/HR
	A - IN ALARM	х –	OUT	OF	ALARM	CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT	OF	SCAN	
	E - ENTERED VALUE					

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

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#2

TIME OF INFORMATION: 0715

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		r			- · · · · · · · · · · · · · · · · · · ·	<u> </u>	<u> </u>	<u> </u>	
PARAMETER	0	S	OS	REMARKS	PARAMETER	<u> </u>	S	OS	REMARKS
Reactor Coolant Pumps #31 1	X	ļ			Serv. Water Pmps. #31 5A	X			
#32 4	x	ļ			(Essential Header) #32 2A	<u> </u>	ļ		
#33 3	x		7		#33 6A	 	x		
#34 2	x				#34 5A	x			
Emergency D/G's #31 2A		x			#35 3A		x		
#32 64		x			#36 6A	X	1		
#33.54		x			RHR Heat Exchangers #31	1	x		
Offsite Power Avail 138KV	Y	<u> </u>			#32	1	× ×		
	Ĵ				Come Cool He Exch #71		Ê		
13.0KV	<u>^</u>				Comp. Cool HL. EXCH #31	<u></u>			
SIS Pumps #31 5A			_X		#32	X	Į		
#32 2A		×			Hydrogen Recombiner #31 5A		×		
#33 6A		x			#32 6A		x		
RHR Pumps #31 3A		x			VC Isolation		•		
#32 6A		x		-	(Phase A or B valves which				
Recirc Pumps #31 5A		x			are not in proper	1			
· · · · · · · · · · · · · · · · · · ·					position)	 			
#32 6A		X							
Aux. Blr. Feed Pumps #31 3A		X				ļ			
#32		x		<u></u>					
#33 6A		x			High Head SI Flow #31(GPM)	0			
For Cooler Unite #71 54			v		#32(GPM)	0			
#20 24	v		<u>^</u>		477.7 (CD4)				
#JC CA	Ê				#35(GPH)				
AC CCH		×			#54(GPM)				
#54 5A	<u>×</u>				Low Head SI Flow #31(GPM)	0			
#35 6A	X				#32(GPM)	0			
Cont. Spray Pumps #31 5A		×			#33(GPM)	0			
#32 6A	L	X			#34(GPM)	0			
Charging Pumps #31 5A	x				Accum. Level #31 (%)	12			
#32 3A		x			#32 (%)	17			
#33_6A		x			#33 (%)	22			
Component Cool. Pumps #31 5A	x				#34 (%)	19			
±72 24		x							
					Gas Turbines GT-1	┨───┤	×		
#33 6A	X				(Call Con Edison) GT-2		X		
Aux. Comp. Cool Pumps #31 5A		X			GT-3		X		
#32 6A		X		. <u></u>					
#33 5A		X			Appendix 'R' D/G		x		
#34_6A		x							

<u> IP-3 EMERGENCY PLANNING EXERCISE</u>

Date: 9/23/92

<u>Time: 0730</u>

4

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 3

TSSUED TO:	SUMMARY OF MESSAGE	ANTICIPATED RESULTS COMMENTS	EMERG. CLASS
CCR	Plant status per plant status log #3	This information should be relayed to the CCR by the communicator at the scene of	NUE
	Field Report #2 will be issued informing the Fire	the fire.	
	Brigade leader that the fire is out and that the fire was contained within the oil storage room.	The CCR operators will declare a Notification of Unusual Event, fire within the protected area not affecting safety systems	
	Provide final data (Attachment II) to the CCR operators so that they may	that lasts more than ten (10) minutes (EAL III.A)	
	complete the Reactor Coolant Leakage Surveillance (SOP- RCS-4) that was begun at 0330.	After receiving final data the operators will begin to complete the Reactor Coolant Leakage Surveillance (SOP- RCS-4).	

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

TIME: 0730

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 3

Plant status per Plant Status Log #3

- THIS IS A DRILL -

Reactor Coolant Leakage Surveillance

ATTACHMENT II

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Rev. 12

Date 9/23/92

Parameter	Computer	Indicator	Initial	Final	
Time		Clock	0 330	0730	
RCS Pressure		PT-455, 456, 457 or 474	2235	2235	
Boric Acid Integrator		Integrator	11869	11887	
Primary Water Integrator		Integrator	20120	20370	
Volume Control Tank Level**	L0112A	LT-112	28	28	
Average Pressurizer Level	U0483		46	46	
Pressurizer Level (Ch. 1)	L0480A	LI-459	46	46	
Pressurizer Level (Ch. 2)	L0481A	LI-460	46	46 :	
Pressurizer Level (Ch. 3)	L0482A	LI-461	46	46	
RCDT Level %		Boron Recycle Panel	20%	20%	
RCDT Level Gallons		From Graph TC-10	ł		
Tavg	T0499A or U048	Recorder	566	566	
Charging Pump Seal Leakage (31) <u>O</u> in/min (32) <u>O</u> in/min (33) <u>O</u> in/min Measurement					

*

Only one level indicator need be recorded, preferably Average Pressurizer Level (U0483).

** Do not use VCT level numbers greater than 75% as the level transmitter is nonlinear above 75%.

Rev. 12

ATTACHMENT II

Date

Indian Point Unit 3

Water Inventory Balance Calculation

4.2.1 Final Time Initial Time Difference (If less than 4 hrs, explain $-\frac{\mu}{\mu} = \frac{240}{(A)}$ minutes in Comments section) 4.2.2 Final P.W. Counter Initial P.W. Counter _____ = ____ gallons Sum Final B.A. Counter Initial B.A. Counter - ____ gallons
(b) Sum Sum (a + b)_ gal. (B) 4.2.3 Initial VCT Level Final VCT Level (C) gal. % x 19.3 gal./% = Difference 4.2.4 Initial Presszr Level Final Presszr Level % x 75 gal./% = Difference gal. (D) 4.2.5 Final Tavg Initial Tavg Difference ____ gal. (F) 4.2.6 Sum of 4.2.B through 4.2.E 4.2.7 Divide total sum by elapsed time <u>(4.2.6) gal.</u>

(4.2.1) min.

____ gpm



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EP FORM 31a

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PARAMETER

VALUE

U1170	INCORE T/C TIME AVG VALUE	590	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	625	DEG F
U0484	RCL AVG TAVG	567	DEG F
U0486	RCL HOT AVG T	596	DEG F
PT-402	RCS PRESSURE - LOOP 1	2230	PSIG
PT-403	RCS PRESSURE - LOOP 4	2230	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	·· 59	DEG F
TMARCETA	CET TEMP SAT MAR	63	DEG F
S498AD	RCP #31 STATUS	ON ON	
S498BD	RCP #32 STATUS	ON	
S498CD	RCP #33 STATUS	ON	•
S498DD	RCP #34 STATUS	ON	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	46.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	52.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	53.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	52.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	52.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	52.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	737.0	PSTG
U0434	STM GEN B STM P $1/2/3$ AVG	738.0	PSTG
U0454	STM GEN C STM P $1/2/3$ AVG	738.0	PSIG
U0474	STM GEN D STM P $1/2/3$ AVG	736.0	PSIG
U1000	CONTAINMENT P $1/2/3$ AVG	0.5	PSTG
FT1200	AUX FD FLOW TO SG $#31$	0.0	GPM
FT1201	Ally FD FLOW TO SG $#32$	0.0	CDM
FT1202	AUX FD FLOW TO SG #33	0.0	CDM
FT1203	AUX FD FLOW TO SG $#34$	0.0	CDM
LT1128	CONDENSATE STORAGE TANK LEVEL	26.0	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	26.0	ድጥ ጉጥ
TC - 1416	CONTAINMENT AVG TEMPERATURE	103.0	DEG F
LT-1255	CONTAINMENT SIMP LEVEL	39.0	FT I
LT-1256	CONTAINMENT SIMP LEVEL	39.0	ድጥ ጉጥ
LT-1251	RECTRCULATION SIMP LEVEL	35.0	ַרַאַ 1
LT-1252	RECTRCULATION SUMP LEVEL	35.0	፲ ፲ ፑጥ
LT-920	RWST LEVEL	36.1	* * FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	DCT
HC-MCB	CONTAINMENT H2 CONCENTRATION		PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LROOIA	RVLIS FULL RANGE	105.0	PCT
LR001B	RVLIS FULL RANGE	105.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	2 700-04	AMDS
N-36	INTERMEDIATE RANGE DETECTOR	2 700-04	AMDC
KTSUR	INTERMEDIATE RANGE START-UD DATE	2.700-04	DECOM
N-31	SOURCE RANGE DETECTOR		CDCLU
N-32	SOURCE RANGE DETECTOR		CDC
KSSIIR	SOURCE RANGE STADT-UD DATE	0.0	DECOM
111169	DWD DNC NIICI CHANNEI DMD AVC O		DECPM
01109	FWR RNG NUCL CHANNEL REF AVG Q	100.0	PCT



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INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 0730

PARAMETER

VALUE	
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11

R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION		7.000E-01	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD		3.000E+00	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	۵	3.000E-09	
R12	CONTAINMENT GAS RADIATION	A	9.000E-05	
R13	PLANT VENT AIR PARTICLE RAD	••	9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCT/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8,000E+03	
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCT/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCT/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	
R25	CONTAINMENT HIGH RAD MONITOR 1	U	1.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Ū	1.000E+00	R/HR
R27	PLANT VENT RADIATION	_	7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
		v	0170 on 1	
		х –	OUT OF ALAR	M CHECKIN

U - UNAVAILABLE OR OUT-OF-RANGE S - OUT OF SCAN E - ENTERED VALUE

- NG

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

#3 <u>TIME OF INFORMATION: 0730</u>

PARAMETEROSOSREMARKSPARAMETEROSOSReactor Coolant Pumps #31 1XServ. Water Pmps. #31 5AXI#32 4XIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	REMARKS
PARAMETER O S OS REMARKS PARAMETER O S OS OS	REMARKS
Reactor Coolant Pumps #31 1 X Serv. Water Pmps. #31 5A X #32 4 X (Essential Header) #32 2A X #33 3 X (Essential Header) #32 2A X #33 4 X #33 6A X #34 2 X 1 #34 5A X Emergency D/G's #31 2A X 1 #35 3A X #32 6A X 1 #36 6A X 1 #33 5A X 1 1 X 1	
#32 4 X (Essential Header) #32 2A X X #33 3 X 110 1133 6A X X #34 2 X 110 1133 6A X 110 #34 2 X 110 1135 3A X 110 Emergency D/G's #31 2A X 110 1135 3A X #32 6A X 110 1135 3A X 110 #33 5A X 110 1136 6A X 110 #33 5A X 110 110 110 110	
#33 3 X	
#34 2 X #34 2 X #34 5A X X Emergency D/G's #31 2A X #35 3A X X #32 6A X #36 6A X #33 5A X #36 6A X #33 5A X	
Emergency D/G's #31 2A X #35 3A X #32 6A X #36 6A X #33 5A X RHR Heat Exchangers #31 X	
#32 6A X #36 6A X #33 5A X RHR Heat Exchangers #31 X	
#33 5A X RHR Heat Exchangers #31 X	
Offsite Power Avail 138KV X	
13.8KV X Comp. Cool Ht. Exch #31 X	
#32 X	
	1
RHR Pumps #31 3A X VC Isolation	
#32 6A X (Phase A or B valves which	
Recirc Pumps #31 5A X are not in proper position)	
#32 6A X	
Aux. Bir. Feed Pumps #31 3A X	
#32 X	
#33 6A X High Head SI Flow #31(GPM) 0	
Fan Cooler Units #31 5A X #32(GPM) 0	
#32 2A X #33(GPM) 0	
#33 5A X #34(GPM) 0	
#34 3A X Low Head SI Flow #31(GPM) 0	
#35 6A X #32(GPM) 0	
Cont. Spray Rimor. #31.54 V #33(GPM) 0	
#32 6A X #34 (GPM) 0	<u> </u>
Charging Pumps #31 54 X	
Component Cool. Pumps #31 5A X #34 (%) 19	1
#32 2A X Gas Turbines GT-1 X	
#33 6A X (Call Con Edison) GT-2 X	
Aux. Comp. Cool Pumps #31 5A X GT-3 X	
#32 6A X	
#32 6A X Appendix 'R' D/G X	

Date: 9/23/92

<u>Time: 0745</u>

22

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 4

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
TO:	MESSAGE	COMMENTS	CLASS
CCR	Plant status per Plant Status Log #4 Primary Water M/U Flow Deviation alarm (Auto VCT M/U in progress).	CCR operators should be completing the RCS leakage surveillance (SOP-RCS-4). The calculation results will indicate that RCS leakage is approximately 1.2 GPM which is in excess of Technical Specification limits for Unidentified Leakage. A Reactor Coolant Leakage Safety Evaluation (SOP-RCS- 5) must be initiated as soon as practicable but not later	NUE

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 4

Plant status per Plant Status Log #4

Primary Makeup Water Flow Deviation Alarm (Auto VCT M/U in progress)

- THIS IS A DRILL -

#4

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 __0745

PARAMETER

VALUE

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U1170	INCORE T/C TIME AVG VALUE	590	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	625	DEG F
U0484	RCL AVG TAVG	567	DEG F
U0486	RCL HOT AVG T	596	DEG F
PT-402	RCS PRESSURE - LOOP 1	2230	PSTG
DT-402	RCS DESSURE - LOOP A	2230	DETC
FI-405	LOWER DOC MEND CAR MADCIN	2250	PSIG
KHTMARUS	LOWEST RUS TEMP SAT MARGIN	59	DEG F
TMARCETA	CET TEMP SAT MAR	63	DEG F.
S498AD	RCP #31 STATUS	" ON	
S498BD	RCP #32 STATUS	ON	
S498CD	RCP #33 STATUS	ON	
S498DD	RCP #34 STATUS	ON	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	46.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	60.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	53.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	52.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	52.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	52.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	737.0	PSTG
U0434	STM GEN B STM P 1/2/3 AVG	738.0	PSTG
110454	STM GEN C STM P $1/2/3$ AVC	738 0	PSTC
110474	STM GEN C SIM I $1/2/3$ AVG	736.0	DETC
111000	CONTATINET D 1/2/2 AVG	/30.0	PSIG
	CONTAINMENT P 1/2/3 AVG	0.5	PSIG
F11200	AUX FD FLOW TO SG #31	0.0	GPM
FTIZUI	AUX FD FLOW TO SG #32	0.0	GPM
FT1202	AUX FD FLOW TO SG #33	0.0	GPM
FT1203	AUX FD FLOW TO SG #34	0.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	26.0	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	26.0	FT
TC-1416	CONTAINMENT AVG TEMPERATURE	103.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	39.0	FT
LT-1256	CONTAINMENT SUMP LEVEL	39.0	FT
LT-1251	RECIRCULATION SUMP LEVEL	35.0	FT
LT-1252	RECIRCULATION SUMP LEVEL	35.0	FT
LT-920	RWST LEVEL	36.1	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR001A	RVLIS FULL RANGE	105.0	PCT
LR001B	RVLTS FULL RANGE	105.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	2700-04	AMDC
N-36	INTERMEDIATE DANCE DETECTOR	2.700-04	AMPC
VICUD	INTERMEDIATE RANGE DETECTOR	2.700-04	AMES
N-21	INTERMEDIATE RANGE START-OF RATE	0.0	DECPM
M-22	SOURCE KANGE DETECTOR	0.0	CPS
N-32	SOURCE RANGE DETECTOR	0.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG Q	100.0	PCT

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

#4

09/23/92 0745

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PARAMETER

E - ENTERED VALUE

R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION		7.000E-01	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD		3.000E+00	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	Α	3.500E-09	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	1.030E-04	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	U	1.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	U	1.000E+00	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

#4 TIME OF INFORMATION: 0745

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PARAMETER	0	s	os	REMARKS	PARAMETER	0	s	OS	REMARKS
Reactor Coolant Pumps #31 1	×		ļ		Serv. Water Pmps. #31 5A	x			
#32 4	x				(Essential Header) #32 2A	X			
#33 3	x		1997 - A.		#33 6A		x		
#34 2	x				#34 5A	x			
		v			#35 3A		x		· · ·
Ellier gency 0/0 S #31 EA		Ŷ			#36.64	×			
#33 54	· · ·	Ŷ			PHP Heat Exchangers #31		×		
Officite Douge Avail 139//	v	<u> </u>			#32	1	Ĵ		
17 9/1/	Ĵ				Comp Cool Ht Exch #31		<u> </u>		
13.0KV	<u> </u>				#32	1 ,			
SIS Pumps #31 5A			X		#32	<u> </u>			
#32 ZA		×	╂────		Hydrogen Recombiner #31 5A		X		
#33_6A		X			#32_6A		X		····
RHR Pumps #31 3A		x			VC Isolation	ļ			
#32 6A		x			(Phase A or B valves which	<u> </u>			
Recirc Pumps #31 5A		x			are not in proper position)				
#32 6A		x							
Aux. Blr. Feed Pumps #31 3A		x							
#32		x							
#33 6A		x			High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A			x		#32(GPM)	0			
#32 24	x				#33(GPM)	0			
#33 54		x			#34(GPM)	0			
#34 34	x				LOW Head SI FLOW #31(GPM)	i î			
#35.64	×				#32(GPW)				
					#33(CDM)				
Cont. Spray Pumps #31 5A		X			#JJ(GFN)	+			
#32 6A		×			#34(GPM)	0			
Charging Pumps #31 5A	X				Accum. Level #31 (%)	12			
#32 3A		×			#32 (%)	17			
#33 6A		X			#33 (%)	22			
Component Cool. Pumps #31 5A	x				#34 (%)	19			
#32 2A		x			Gas Turbines GT-1		x		
#33 6A	x				(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A		x			GT-3		x		
#32 6A		x							
#33_5A		x			Appendix (R/ D/G		x		
#34 6A		X							

IP-3 EMERGENCY PLANNING EXERCISE

Date: 9/23/92

Time: 0800

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 5

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
TO:	MESSAGE	COMMENTS	CLASS
CCR	Plant status per Plant Status Log # 5	CCR operators should be addressing the actions required by SOP-RCS-4 since the results of the leakage surveillance exceeded 0.9 GPM as stated in the procedure as well as exceeding the limit of 1.0 GPM for Unidentified Leakage in Technical Specification.	NUE



DATE: 9/23/92

TIME: 0800

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 5

Plant status per Plant Status Log #5

- THIS IS A DRILL -



INDIAN POINT UNIT 309/23/92EMERGENCY PLANT STATUS REPORT...0800

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PARAMETER

VALUE

111170	TNOODE M / C MINE N/C VALUE	500	DEC E
	INCORE T/C TIME AVG VALUE	590	DEG F
00090	INST VALUE OF HOTTEST INCORE 1/C	020 5 <i>6</i> 7	DEG F
UU484 UO486		506	DEG F
	RCL HUI AVG I DOS DESSURE - LOOD 1	2220	DEGF
PT-402	RCS PRESSURE - LOOP 1	2230	PSIG
PT-403	RUS PRESSURE - LOUP 4	2230	PSIG
KHIMARCS	LOWEST KCS TEMP SAT MARGIN	59	DEG F
TMARCETA	CET TEMP SAT MAR	60	DEG F
5498AD	RCP #31 STATUS	ON	
5498BD	RCP #32 STATUS	ON	
5498CD	RCP #33 STATUS	ON	
5498DD	RCP #34 STATUS		DOM
00483	PRESSURIZER LEVEL 1/2/3 AVG	45.0	CDM
FT-128	CHARGING PUMP DISCHARGE FLOW	65.U	GPM
	STEAM GENERATOR #31 W.R. LEVEL	53.0	PCT
	STEAM GENERATOR #32 W.R. LEVEL	52.0	
	STEAM GENERATOR #35 W.R. LEVEL	52.0	
	STEAM GENERATOR #34 W.R. LEVEL	52.0	PCI
UU414 TIO424	STM GEN A STM P 1/2/3 AVG	737.0	PSIG
	STM GEN B STM P $1/2/3$ AVG	738.0	PSIG
	STM GEN C STM P $1/2/3$ AVG	738.0	PSIG
00474	STM GEN D STM P $1/2/3$ AVG	/30.0	PSIG
	CONTAINMENT P 1/2/3 AVG	0.5	PSIG
FT1200	AUX FD FLOW TO SG #31	0.0	GPM
F11201	AUX FD FLOW TO SG #32	0.0	CDM
F11202	AUX FD FLOW TO SG #33	0.0	CDM
F11203	CONDENSATE STODACE TANK I EVEL	. 26.0	GPM FT
LIII20 I T1120X	CONDENSATE STORAGE TANK LEVEL	20.0	r I FM
TC-1/16	CONDENSATE STORAGE TANK DEVEL	102 0	DEC E
10-1410	CONTRINMENT AVG TEMPERATURE	20 1	DEG I
LT = 1255	CONTRINMENT SUMP LEVEL	JJ.1 20 1	r I FT
IT-1250	DECTROUTATION SUMP LEVEL	35.0	r I Tr
LT-1251	PECIFCULATION SUMP LEVEL	35.0	r I FT
LT-920	RUST LEVEL	36 1	r I FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84 0	тт рст
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR001A	RVLIS FULL RANGE	105.0	PCT
LR001B	RVLIS FULL RANGE	105.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	2.700-04	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	2.700-04	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	0.0	CPS
N-32	SOURCE RANGE DETECTOR	0.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG O	100.0	PCT
		200.0	

#5

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 0800

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PARAMETER

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VAL	UE
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R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION		1.000E-00	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD		5.000E+00	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	Α	7.000E-09	UCI/CC
R12	CONTAINMENT GAS RADIATION	A	3.610E-04	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	U	1.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	U	1.000E+00	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

E - ENTERED VALUE

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

#5 TIME OF INFORMATION: 0800

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PARAMETER		0	s	os	REMARKS	PARAMETER	0	s	os	REMARKS
Reactor Coolant Pumps #3	31 1	x				Serv. Water Pmps. #31 5A	x			
#3	32 4	x				(Essential Header) #32 2A	x			
#2	33 3	x				#33 6A		x		
#3	34 2	x				#34 5A	x			
Emergency D/G's #	51 2A		x			#35 3A		x		
#3	32 6A		x			#36 6A	<u>.</u> х			
#3	33 5A		x			RHR Heat Exchangers #31		x		
Offsite Power Avail 13	38KV	x				#32		x		
13	3.8KV	x				Comp. Cool Ht. Exch #31	x			
SIS Pumps #3	51 5A			x		#32	x			
#3	32 2A		x			Hydrogen Recombiner #31 5A		x		
#3	53 6A		x			#32 6A		x		
RHR Pumps #3	51 3A		x			VC Isolation				
#3	52 6A		X			(Phase A or B valves which				
Recirc Pumps #3	51 5A		x			are not in proper				
	52 6A		x							
Aux. Blr. Feed Pumps #3	51 3A		x		······		1			<u> </u>
#3	52		x		· · · · · · · · · · · · · · · · · · ·					,·
#3	53 6A		x			High Head SI Flow #31(GPM)	0			
Fan Cooler Units #3	51 5A			x		#32(GPM)	0			
#3	52 2A	x				#33(GPM)	0			
#3	53 5A		x			#34(GPM)	0			_
#3	54 3A	x				Low Head SI Flow #31(GPM)	0			
#3	5 6A	x				#32(GPM)	0			
Cont. Spray Pumps #3	51 <u>5</u> A		x			#33(GPM)	0			
#3	52 6A		x			#34(GPM)	0			
Charging Pumps #3	51 5A	x				Accum.Level #31 (%)	12			
#3	52 3A		x			#32 (%)	17			
#3	3 6A		x			#33 (%)	22			
Component Cool. Pumps #3	1 5A	x				#34 (%)	19			
#3	52 ZA		x			Gas Turbines GT-1		x		
#3	3 6A	x				(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #3	1 5A		X			GT-3		X		
#3	2 6A		x							
#3	3 5A		x			Appendix 'R' D/G		x		
#3	4 6A		X							

IP-3 EMERGENCY PLANNING EXERCISE

Date: 9/23/92

<u>Time: 0815</u>

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 6

CCR Plant status per Plant Status Log #6 The of monit respondent along level sump operation infort that the of cCR of try t of level sump operation that the of the	berators continue to NUE identify the source kage from the RCS. Intainment particulate or (R-11) has been ading to the leak with using readings, this with slowly increasing in the containment will provide the cors with the necessary mation to determine the leakage is inside ontainment building.

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

TIME: 0815

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 6

Plant status per Plant Status Log #6

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- THIS IS A DRILL -

	INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT	09/2 	3/92 15
	PARAMETER	VALU	E
U1170	INCORE T/C TIME AVG VALUE	590	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	625	DEG F
U0484	RCL AVG TAVG	567	DEG F
U0486	RCL HOT AVG T	596	DEG F
PT-402	RCS PRESSURE - LOOP 1	2230	PSIG
PT-403	RCS PRESSURE - LOOP 4	2230	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	59	DEG F
TMARCETA	CET TEMP SAT MAR	63	DEG F
S498AD	RCP #31 STATUS	ON	
S498BD	RCP #32 STATUS	ON	
S498CD	RCP #33 STATUS	ON	
S498DD	RCP #34 STATUS	ON	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	44.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	65.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	53.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	52.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	52.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	52.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	737.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	738.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	738.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	736.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG	0.5	PSIG
FT1200	AUX FD FLOW TO SG #31	0.0	GPM
FT1201	AUX FD FLOW TO SG #32	0.0	GPM
FT1202	AUX FD FLOW TO SG #33	0.0	GPM
FT1203	AUX FD FLOW TO SG #34	0.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	26.0	\mathbf{FT}
LT1128A	CONDENSATE STORAGE TANK LEVEL	26.0	\mathbf{FT}
TC-1416	CONTAINMENT AVG TEMPERATURE	103.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	39.1	FT
LT-1256	CONTAINMENT SUMP LEVEL	39.1	FT
LT-1251	RECIRCULATION SUMP LEVEL	35.0	FT
LT-1252	RECIRCULATION SUMP LEVEL	35.0	FT
LT-920	RWST LEVEL	36.1	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR001A	RVLIS FULL RANGE	105.0	PCT
LR001B	RVLIS FULL RANGE	105.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	2.700-04	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	2.700-04	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	0.0	CPS
N-32	SOURCE RANGE DETECTOR	0.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG Q	100.0	PCT

#6

#C

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 0815

PARAMETER

VALUE

R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION		5.000E+00	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD		7.000E+00	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	А	1.000E-08	UCI/CC
R12	CONTAINMENT GAS RADIATION	A	5.780E-04	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIOUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	U	1.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Ū	1.000E+00	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s –	OUT OF SCAN	

E - ENTERED VALUE

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

HO TIME OF INFORMATION: 0815

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	<u> </u>				44 A A A A A A A A A A A A A A A A A A	ļ	T	r	
PARANETER	0	s	OS	REMARKS	PARAMETER	0	s	os	REMARKS
Reactor Coolant Pumps #31 1	x				Serv. Water Pmps. #31 5A	x	ļ		
#32 4	x				(Essential Header) #32 2A	x			
#33_3	x		7		#33 6A		x		
#34 2	x				#34 5A	x			
		v			#35 3A		x		
#32 6A		x			#36 6A	·x			
#33 54		x			RHR Heat Exchangers #31		x		
Offsite Power Avail 138KV	x				#32		x		
13.8KV	x				Comp. Cool Ht. Exch #31	x			
STS Dumpe d/31 54			Y		#32	x			
#32 2A		x			Hydrogen Recombiner #31 5A		x		
#33 64		x			#32 64		x		
RHR PLINDS #31 3A		x							
#32 DA		×			(Phase A of B valves which				
					position)				
#32 6A		x							
Aux. Blr. Feed Pumps #31 3A		x							
#32		x							
#33 6A		x			High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A			x		#32(GPN)	0			
#32 2A	x				#33(GPM)	0			
#33 5A		x			#34(GPM)	0			
#34 3A	x				Low Head SI Flow #31(GPM)	0			
#35 6A	x				#32(GPM)	0			
		~			#33(GPM)	0			
tont. apidy rumps #21 DA #20 44		× ×			#7// (CDW)	0			
Charging Pumps #21 54						12			
	Ê	¥			475 /Vi	17			
#JC JA		Ĵ			#32 (A)	22			
Ad CC#					(Ā) CCĦ	- 22			
Component Cool. Pumps #31 5A	X				#34 (%)	17			
#32 2A		X			Gas Turbines GT-1		x		
#33 6A	x				(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A		x			GT-3		x		
#32 6A		x							
#33 5A		x			Appendix 'R' D/G		x		
#34 6A		x							

Date: 9/23/92

Time: 0830

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 7

ISSUED TO:	SUMMARY OF MESSAGE	ANTICIPATED RESULTS COMMENTS	EMERG. CLASS
CCR	Plant status per Plant Status Log # 7	The CCR operators will evaluate the plant data and alarm information and should	NUE
	Pressurizer Low Level Alarm (Deviation 5%)	be able to make a determination of the approximate RCS leakage rate	
· · ·	VCT makeup rate has increased significantly. Attachment 7-1 is a chart which depicts VCT level over	as a function of the frequency of VCT makeups. This can be obtained by reviewing the chart provided	
	the last 15 minutes.	(Attachment 7-1).	



DATE: 9/23/92

TIME: 0830

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 7

Plant status per Plant Status Log #7

Pressurizer Low Level Alarm (Deviation 5%)

VCT makeup frequency has increased significantly. The attached chart depicts VCT level over the last 15 minutes.

- THIS IS A DRILL -





VCT LEVEL IN PERCENT

INDIAN POINT UNIT 3 09/23/92 • EMERGENCY PLANT STATUS REPORT - 0830

#7

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PARAMETER

VALUE

U1170	INCORE T/C TIME AVG VALUE	590	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	625	DEG F
U0484	RCL AVG TAVG	567	DEG F
U0486	RCL HOT AVG T	596	DEG F
PT-402	RCS PRESSURE - LOOP 1	2230	PSIG
PT-403	RCS PRESSURE - LOOP 4	2230	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	59	DEG F
TMARCETA	CET TEMP SAT MAR	63	DEG F
S498AD	RCP #31 STATUS	ON	
S498BD	RCP #32 STATUS	ON	
S498CD	RCP #33 STATUS	ON	
S498DD	RCP #34 STATUS	ON	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	41.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	95.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	53.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	52.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	52.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	52.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	737.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	738.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	738.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	736.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG	0.5	PSIG
FT1200	AUX FD FLOW TO SG #31	0.0	GPM
FT1201	AUX FD FLOW TO SG #32	0.0	GPM
FT1202	AUX FD FLOW TO SG #33	0.0	GPM
FT1203	AUX FD FLOW TO SG #34	0.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	26.0	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	26.0	FT
TC-1416	CONTAINMENT AVG TEMPERATURE	103.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	39.3	FT
LT-1256	CONTAINMENT SUMP LEVEL	39.3	FT
LT-1251	RECIRCULATION SUMP LEVEL	35.0	FT
LT-1252	RECIRCULATION SUMP LEVEL	35.0	FT
LT-920	RWST LEVEL	36.1	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR001A	RVLIS FULL RANGE	105.0	PCT
LR001B	RVLIS FULL RANGE	105.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	2.700-04	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	2.700-04	AMPS
KISUR ·	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	0.0	CPS
N-32	SOURCE RANGE DETECTOR	0.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG Q	100.0	PCT

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

#7

09/23/92 0830

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PARAMETER

E - ENTERED VALUE

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R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION		2.500E+01	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD		3.000E+01	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	1.750E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	A	8.000E-04	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	U.	1.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	U	1.000E+00	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	ſ

- DRILL INFORMATION ONLY -

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EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

#1 TIME OF INFORMATION: 0830

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PARAMETER	0	s	os	REMARKS	PARAMETER	0	S	os	REMARKS
Reactor Coolant Pumps #31 1	x	ļ	ļ		Serv. Water Pmps. #31 5A	×	 		
#32 4	×		ļ		(Essential Header) #32 2A	×			
#33_3	x		2		#33_6A		x		
#34_2	x		į		#34 5A	x			
Emergency D/G's #31 2A		x			#35 3A		x		
#32 64		x			#36 6A	<u>.</u> х.			
#33 54		x			RHR Heat Exchangers #31		x		
Offsite Power Avail 138KV	x				#32		x		
13.8KV	x				Comp. Cool Ht. Exch #31	x			
SIS Pumps #31 5A			x		#32	x			
#32 2A		x			Hydrogen Recombiner #31 5A	1	x		
#33 6A		×			#32 64	1	x		
RHR Pumps #31 3A		x			VC lealation				
47.2 44			<u> </u>		(Phase A or B valves which				
Recipe Dumps #31.54		ا ب			are pot in proper	<u> </u>			
		L_	ļ		position)	ļ		_	
#32 64		x							
Aux. Blr. Feed Pumps #31 3A		x .							
#32		x							
#33 64		×			High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A		I	x		#32(GPM)	0			
#32 2A	x				#33(GPM)	0			
#33 5A		×			#34(GPM)	0			
#34 3A	×	1	1		Low Head SI Flow #31(GPM)	0			
#35 6A	×	1	İ		#32(GPM)	0			
Cont Spray Pumps #21.54					#33(GPM)	0			
#32 64	-	1 ,			#34(GPN)	0			
Charging Pumps #31 54	× ×		1		Accum, Level #31 (%)	12			
#32 3A	T x	1	1		#32 (%)	17			
#33.64	<u> </u>	×			#33 (%)	22			
					#34 (%)	10			
Component Cool. Pumps #31 5A	×	+-	 		#J7 (A)				
#32 2A	_	X	 		Gas Turbines GT-1		X		
#33 6A	<u>×</u>	ļ	<u> </u>		(Call Con Edison) GT-2		X		
Aux. Comp. Cool Pumps #31 5A		×	<u> </u>		GT-3	ļ	x		
#32 6A		X	ļ						
#33_5A		x	 		Appendix 'R' D/G	 	x		
#34 6A		x		l		L	L		

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Date: 9/23/92

Time: 0845

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 8

ISSUED SUMMARY OF TO: MESSAGE	ANTICIPATED RESULTS COMMENTS	EMERG.
CCR Plant status per P Status Log #8	Plant The CCR operators have now determined that RCS leakage is approximately 60 GPM. This condition should result in the declaration of an ALERT, primary coolant leak rate exceeding 50 GPM (EAL I.A.2). The ALERT declaration may have been made between the hours of 0830 and 0845. This is acceptable. It is important that the ALERT declaration be made within +/- 15 minutes of 0845. When the Alert is declared the OSC/TSC/EOF should be activated. A controlled plant shutdown should be initiated in accordance with POP-3.1, Plant Shutdown From Full Power to Zero Power Operation. If the CCR operators are unable to determine that RCS leakage is >50 GPM, provide them with the following information: "RCS Leak Rate to the containment building is 60 GPM." This information is NOT on Message Form #8.	A L E R T

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

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DATE: 9/23/92

TIME:0845

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 8

Plant status per Plant Status Log #8

- THIS IS A DRILL -

INDIAN POINT UNIT 3 09/23/92 EMERGENCY PLANT STATUS REPORT ~ 0845

#8

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PARAMETER

VALUE

U1170	INCORE T/C TIME AVG VALUE	590	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	625	DEG F
U0484	RCL AVG TAVG	567	DEG F
U0486	RCL HOT AVG T	596	DEG F
PT-402	RCS PRESSURE - LOOP 1	2230	PSIG
PT-403	RCS PRESSURE - LOOP 4	2230	PSTG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	59	DEGE
TMARCETA	CET TEMP SAT MAR	63	DEG F
S498AD	RCP #31 STATUS		
S498BD	RCP #32 STATUS	ON	
S498CD	RCP #33 STATUS	ON	
S498DD	RCP #34 STATUS	ON	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	44.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	98.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	53.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	52 0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	52.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	52.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	737 0	PSTC
U0434	STM GEN B STM P $1/2/3$ AVG	738 0	PSIG
U0454	STM GEN C STM P $1/2/3$ AVG	738 0	PSIG
U0474	STM GEN D STM P $1/2/3$ AVG	736 0	PSIG
U1000	CONTAINMENT P $1/2/3$ AVG	/30.0	PSIG
FT1200	Ally FD FLOW TO SC $\#31$	0.5	CDM
FT1201	Ally FD FLOW TO SG $#32$	0.0	CDM
FT1202	AUX FD FLOW TO SC $\#33$	0.0	GPM
FT1203	AUX FD FLOW TO SG $#34$	0.0	CDM
LT1128	CONDENSATE STORAGE TANK LEVEL	26.0	GPM FM
LT1128A	CONDENSATE STORAGE TANK LEVEL	20.0	r 1 Tran
TC = 1416	CONTAINMENT AVC TEMPEDATURE	103 0	FI DEC E
LT-1255	CONTAINMENT SIMP LEVEL	30 0	DEG F EM
LT-1256	CONTAINMENT SUMP LEVEL	39.0	r I FM
LT-1251	RECTROULATION SUMP LEVEL	35.0	r I FM
LT-1252	RECTROULATION SUMPLEVEL	۵ م ۲۵۰۵	F I FM
LT-920	RWST LEVEL	35.0	Г 1 Г 1
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84 0	
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	
LR002A	RVLIS DYNAMIC HEAD BANGE	100.0	PCI
LR002B	RVLIS DYNAMIC HEAD RANGE	100.0	
LR001A	RVLIS FULL RANGE	105.0	DOT
LR001B	RVLIS FULL RANGE	105.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	2 700-04	AMDC
N-36	INTERMEDIATE BANGE DETECTOR	2.700-04	AMPS
KTSUR	INTERMEDIATE RANGE START-UP DATE	2.700-04	DECDM
N-31	SOURCE RANGE DETECTOR	0.0	CDC
N-32	SOURCE RANGE DETECTOR	0.0	CPS
KSSIIP	SOUDCE DANCE CONDU-UD DANE	0.0	CPS
111169	DWD DNC NUCL OUNNEL DWD NUC O	0.0	DECPM
01109	FWR RNG NUCL UNANNEL RMP AVG Q	100.0	PCT

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 0845

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PARAMETER

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VALUE

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R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION		4.000E+01	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD		.5.000E+01	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	Α	2.650E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	1.500E-03	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	uci/cc
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	uci/cc
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	U	1.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	U	1.000E+00	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

E - ENTERED VALUE
EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

#8 <u>TIME OF INFORMATION: 0845</u>

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PARAMETER	0	s	os	REMARKS	PARAMETER	0	s	os	REMARKS
Reactor Coolant Pumps #31 1	x			· · · ·	Serv. Water Pmps. #31 5A	x			
#32 4	x				(Essential Header) #32 2A	x			
#33_3	x				#33 6A		x		
#34 2	x				#34 5A	x			
Emergency D/G's #31 2A		x			#35 3A		x		
#32 64		x			#36 6A	· x			
#33 5A		x			RHR Heat Exchangers #31	1	x		
Offsite Power Avail 138KV	x				#32		x		
13.8KV	x	-			Comp. Cool Ht. Exch #31	x			
					#32	x			
			<u>×</u>		Wudaasan Decembings 4771 54				·
#32 CA		, A			nydrogen kecombiner #31 5A		×		
					#32 OA		X		,
KHR PUMPS #51 5A	 	×			VC Isolation	 			
#32 6A		×			(Phase A or B valves which	<u> </u>		· <u>·</u> ····	
Recirc Pumps #31 5A		x			are not in proper position)				
#32 6A		x							
Aux. Blr. Feed Pumps #31 3A		x							
#32		x							
#33 6A		x			·High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A			x		#32(GPM)	0			
#32 2A	x				#33(GPM)	0			
#33 5A		x			#34(GPM)	0			
#34 3A	x				Low Head SI Flow #31(GPM)	0			
#35 6A	x				#32(GPM)	0			
Cont. Sprav Pumps #31 54		x			#33(GPM)	0			
#32 64		x			#34(GPM)	0			
Charging Pumps #31 5A	x				Accum. Level #31 (%)	12			
#32 3A	x				#32 (%)	17			
#33 64		x		· · · · · · · · · · · · · · · · · · ·	#33 (%)	22			
Component Cool. Pumps #31 5A	x				#34 (%)	19			
#32 2A		x			Gas Turbines GT-1		x		
#33 64	x				(Call Con Edison) GT-2		Y		
Aux. Comp. Cool Pumps #31 5A		x		· · · · · · · · · · · · · · · · ·	GT-3		Ŷ		
#32 64		x		·····					
#33 5A		x		<u></u>	Appendix 'R' D/G		x		
#74 44		x			Composition IX B/ M				
	<u> </u>				Ц	L			

IP-3 EMERGENCY PLANNING EXERCISE,

Date: 9/23/92

Time: 0900

11

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 9

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
<u> </u>	MESSAGE	COMMENTS	CLASS
CCR	Plant status per Plant	The operators should be	A
	Status Log #9	using POP-3.1 to conduct a	\mathbf{L}
		plant shutdown based on the	E
		excessive leakage rate.	R
		They may start additional charging pumps and reduce CVCS letdown flow as necessary to try to maintain pressurizer level.	Т



DATE: 9/23/92

TIME: 0900

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 9

Plant status Per Plant Status Log #9

- THIS IS A DRILL -

EP FORM 31a

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT ~

09/23/92 2000 .

PARAMETER

VALUE

U1170	INCORE T/C TIME AVG VALUE	588	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	619	DEG F
U0484	RCL AVG TAVG	564	DEG F
U0486	RCL HOT AVG T	594	DEG F
PT-402	RCS PRESSURE - LOOP 1	2230	PSIG
PT-403	RCS PRESSURE - LOOP 4	2230	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	63	DEG F
TMARCETA	CET TEMP SAT MAR	67	DEG F
S498AD	RCP #31 STATUS	. ON	
S498BD	RCP #32 STATUS	ON	
S498CD	RCP #33 STATUS	ON	
S498DD	RCP #34 STATUS	ON	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	42.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	98.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	53.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	52.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	52.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	52.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	767.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	767.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	767.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	767.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG	0.5	PSIG
FT1200	AUX FD FLOW TO SG #31	0.0	GPM
FT1201	AUX FD FLOW TO SG #32	0.0	GPM
FT1202	AUX FD FLOW TO SG #33	0.0	GPM
FT1203	AUX FD FLOW TO SG #34	0.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	26.0	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	26.0	FT
TC-1416	CONTAINMENT AVG TEMPERATURE	103.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	40.6	FT
LT-1256	CONTAINMENT SUMP LEVEL	40.6	FT
LT-1251	RECIRCULATION SUMP LEVEL	35.0	FT
LT-1252	RECIRCULATION SUMP LEVEL	35.0	FT
LT-920	RWST LEVEL	36.1	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR001A	RVLIS FULL RANGE	105.0	PCT
LR001B	RVLIS FULL RANGE	105.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	2.700-04	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	2.700-04	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	0.0	CPS
N-32	SOURCE RANGE DETECTOR	0.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG Q	89.0	PCT

EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

#9

09/23/92 0900

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PARAMETER

VALUE

R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	Α	1.000E+02	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	Α	2.000E+02	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	Α	3.470E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	3.210E-03	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	U	1.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	U	1.000E+00	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

E - ENTERED VALUE

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

#9 <u>TIME OF INFORMATION: 0900</u>

						Τ			
PARAMETER		•	05	PEMARKS	··· PARAMETER		•	05	
Reactor Coolant Pumps #31 1	x				Serv. Water Pmps. #31 5A	x			REPARKS
#32 4	x				(Essential Header) #32 2A	x			
#33_3	x				#33 6A	1	x		
#34 2	x			· · · · · · · · · · · · · · · · · · ·	#34 54	x	<u> </u>		
5					#35 3A		x		
Emergency D/G·S #31 ZA					ATZ 6 . 6.4				
#32 OA		Ĵ			BUR Heat Evolutions 471	\uparrow			
Offsite Power Avail 1384V	l v	Ê			KINK INCAL EACHAINGERS #31		Î.		
13 R/V	Ĵ				Form Cool Ht Even #31		Ê		
13.00					#72	† `			
SIS Pumps #31 5A			X		#JE	\uparrow			
#32 ZA		X			Hydrogen Recombiner #31 5A		X		
#33 6A		×			#32 6A		X		
KHR PUMPS #51 3A		X			VC Isolation		_		
#32 6A		X			(Phase A or B valves which			•	<u> </u>
Recirc Pumps #31 5A		x			are not in proper position)				
#32 6A		x							
Aux. Blr. Feed Pumps #31 3A		x							
#32		x							
#33 6A		x			High Head SI Flow #31(GPM)	0		1	
Fan Cooler Units #31 5A			x	· · · · · · · · · · · · · · · · · · ·	#32(GPN)	0			
#32 2A	x				#33(GPM)	0			
#33 5A		x			#34(GPM)	0			
#34 3A	x				Low Head SI Flow #31(GPM)	0			
#35 6A	x				#32(GPM)	0			
Cont. Spray Pumos #31 54		X			#33(GPM)	0			
#32 6A		x			#34(GPN)	0			
Charging Pumps #31 5A	x				Accum. Level #31 (%)	12			
#32 3A	x				#32 (%)	17	-		
#33 6A		x			#33 (%)	22			
Component Cool. Pumps #31 5A	x				#34 (%)	19			
#32 2A		x			Gas Turbines GT-1		x		
#33 6A	x				(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A		x			GT-3		x		
#32 6A		x							
#33 5A		X			Appendix 'R' D/G		x		
#34 6A		x		· · · · · · · · · · · · · · · · · · ·					

IP-3 EMERGENCY PLANNING EXERCISE,

Date: 9/23/92

<u>Time: 0915</u>

20

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 10

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
TO:	MESSAGE	COMMENTS	CLASS
CCR	Plant status per Plant Status Log #10	Plant shutdown will continue using POP-3.1.	A L R T

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

TIME: 0915

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 10

Plant status per Plant Status Log #10

- THIS IS A DRILL -

EP FORM 31a



INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 20915 •

PARAMETER

VALUE

U1170	INCORE T/C TIME AVG VALUE	585	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	607	DEG F
U0484	RCL AVG TAVG	563	DEG F
U0486	RCL HOT AVG T	591	DEG F
PT-402	RCS PRESSURE - LOOP 1	2220	PSIG
PT-403	RCS PRESSURE - LOOP 4	2220	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	• 61	DEG. F
TMARCETA	CET TEMP SAT MAR	65	DEG F
S498AD	RCP #31 STATUS	, ON	
S498BD	RCP #32 STATUS	ON	
S498CD	RCP #33 STATUS	ON	
S498DD	RCP #34 STATUS	ON	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	39.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	98.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	53.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	52.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	52.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	52.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	780.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	780.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	780.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	780.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG	0.5	PSIG
FT1200	AUX FD FLOW TO SG #31	0.0	GPM
FT1201	AUX FD FLOW TO SG #32	0.0	GPM
FT1202	AUX FD FLOW TO SG #33	0.0	GPM
FT1203	AUX FD FLOW TO SG #34	0.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	26.0	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	26.0	\mathbf{FT}
TC-1416	CONTAINMENT AVG TEMPERATURE	103.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	41.8	\mathbf{FT}
LT-1256	CONTAINMENT SUMP LEVEL	41.8	FT
LT-1251	RECIRCULATION SUMP LEVEL	35.0	FT
LT-1252	RECIRCULATION SUMP LEVEL	35.0	FT
LT-920	RWST LEVEL	36.1	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LRUUZB	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LRUUIA	RVLIS FULL RANGE	105.0	PCT
TROOTR	RVLIS FULL RANGE	105.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1.000-04	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	1.000-04	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	0.0	CPS
N-32	SOURCE RANGE DETECTOR	0.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG Q	86.0	PCT



EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

#10

09/23/92 0915

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PARAMETER

VALUE

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R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	Α	1.500E+02	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	A	2.500E+02	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	4.520E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	4.620E-03	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	U	1.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	U	1.000E+00	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	Х -	OUT OF ALAR	M CHECKING

- U UNAVAILABLE OR OUT-OF-RANGE S OUT OF SCAN E - ENTERED VALUE

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

#10

TIME OF INFORMATION: 0915

									
PARAMETER		s	05	REMARKS	PARAMETER	0	s	os	REMARKS
Reactor Coolant Pumps #31 1	x				Serv. Water Pmps. #31 5A	x			
#32 4	x				(Essential Header) #32 2A	x			
#33 3	x				#33 6A		x		
#34 2	x				#34 5A	x			
		v			#35 3A		x		
		v v			#36.6A				·····
#33.54		Ŷ			PHP Heat Exchangers #31	Ê	×		
Offsite Power Avail 138KV	×	<u> </u>			#32	<u> </u>	x		
13 RKV	Î				Comp Cool Ht. Exch #31	Y			
	Â				#32	× ×			
SIS Pumps #31 5A			X	<u> </u>					
#32 2A		X			nyarogen Recombiner #31 5A		X		
#33 6A		X			#52_6A		X		
RHR Pumps #31 3A		X			VC Isolation				
#32 6A	 	X			(Phase A or B valves which				
Recirc Pumps #31 5A		x			are not in proper position)				
#32 6A		x							
Aux. Blr. Feed Pumps #31 3A		x							
#32		x							
#33 6A		x			High Head SI Flow #31(GPM)	o			
Fan Cooler Units #31 5A			x		#32(GPM)	0			
#32 2A	x				#33(GPM)	0			
#33 5A		x			#34(GPM)	0			
#34 3A	x				Low Head SI Flow #31(GPM)	0			
#35 6A	x				#32(GPM)	0			
Cont. Spray Pumps #31 5A		x			#33(GPM)	0			
#32 6A		x			#34(GPN)	0			
Charging Pumps #31 5A	x				Accum. Level #31 (%)	12			
#32 3A	x				#32 (%)	17			
#33 6A		x			#33 (%)	22			
Component Cool, Pumps #31 5A	x				#34 (%)	19			
#32 2A		x			Gas Turbines GT-1		x		
#33 6A	x				(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A		x			GT-3		x		
#32 6A		X							
#33 5A		x			Appendix 'R' D/G		x		
#3 4 6A		x							

IP-3 EMERGENCY PLANNING EXERCISE

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Date: 9/23/92

Time: 0930

11

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 11

ISSUED SUMMARY OF		ANTICIPATED RESULTS					
TO: MESSAGE		COMMENTS					
CCR	Plant status per Plant Status Log #11	Plant shutdown will continue using POP-3.1.	A L E R T				



NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

TIME: 0930

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 11

Plant status per Plant Status Log #11

- THIS IS A DRILL -

EP FORM 31a

#// INDIAN POINT UNIT 3

09/23/92 "0930 •

EMERGENCY PLANT STATUS REPORT

PARAMETER

VALUE

U1170	INCORE T/C TIME AVG VALUE	582	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	600	DEG F
U0484	RCL AVG TAVG	561	DEG F
U0486	RCL HOT AVG T	588	DEG F
PT-402	RCS PRESSURE - LOOP 1	2205	PSIG
PT-403	RCS PRESSURE - LOOP 4	2205	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	63	DEG F
TMARCETA	CET TEMP SAT MAR	67	DEG F
S498AD	RCP #31 STATUS	ON	
S498BD	RCP #32 STATUS	ON	
S498CD	RCP #33 STATUS	ON	
S498DD	RCP #34 STATUS	ON	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	35.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	98.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	53.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	52.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	52.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	52.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	810.0	PSIG
U0434	STM GEN B STM P $1/2/3$ AVG	810.0	PSIG
U0454	STM GEN C STM P $1/2/3$ AVG	810.0	PSIG
U0474	STM GEN D STM P $1/2/3$ AVG	810.0	PSIG
U1000	CONTAINMENT P $1/2/3$ AVG	0.5	PSTG
FT1200	AUX FD FLOW TO SG $#31$	0.0	GPM
FT1201	AUX FD FLOW TO SG #32	0.0	GPM
FT1202	AUX FD FLOW TO SG #33	0.0	GPM
FT1203	AUX FD FLOW TO SG #34	0.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	26.0	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	26.0	יד ב דיד
TC - 1416	CONTAINMENT AVG TEMPERATURE	104.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	42 5	FT
LT-1256	CONTAINMENT SUMP LEVEL	42.5	* * ፑጥ
LT-1251	RECTROULATION SUMP LEVEL	35 0	ት ት ፑጥ
LT-1252	RECTRCULATION SUMP LEVEL	35.0	ר ב דיד
LT-920	RWST LEVEL	36 1	ב ב דיד
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVI.	84 0	እ እ እ ርጥ
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD BANGE	100.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR001A	RVLIS FULL RANGE	105.0	PCT
LR001B	RVLIS FULL RANGE	105.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	8,000-05	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	8 000-05	AMDS
KTSUR	INTERMEDIATE RANGE START-UP RATE	0.000-05	DECDM
N-31	SOURCE RANGE DETECTOR		CDCLU
N-32	SOURCE RANGE DETECTOR		CF B CDC
KSSUR	SOURCE RANGE START-UP PATE	0.0	DECOM
111169	DWR BNG NUCL CHANNEL DWD AUC O		DECEN
01109	THA ANG NUCL CHANNEL KMP AVG Q	/5.0	PUT

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 0930

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PARAMETER

EP FORM 31b

VALUE

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R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	А	2.200E+02	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	A	3.200E+02	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	А	5.710E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	A	5.300E-03	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIOUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	U	1.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Ū	1.000E+00	R/HR
R27	PLANT VENT RADIATION	-	7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

E - ENTERED VALUE

- DRILL INFORMATION ONLY -

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EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

HII TIME OF INFORMATION: 0930

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			05	BEMADYS			6	05	DEMARKS
		3		KEMARKJ	Sarv Water Proc #71 54	T v		03	REPARKS
	Ŷ				(Essential Header) #32 24	Î			
#32 4	↓ Û				433 6A	Ê	T v		
#35.5	1 ,				#35 54	T _x			
	Â				#35 34	<u> </u>	×		L
Emergency D/G's #31 2A		X			+00 Ch		Ê		
#32 64		X			#0 0C#				
#33 5A		X			RHR Heat Exchangers #31				
Offsite Power Avail 138KV	X				#52		×		
13.8KV	X		1		Comp. Cool Ht. Exch #51	×			
SIS Pumps #31 5A	ļ	[X		#52	×			
#32 2A	<u> </u>	x			Hydrogen Recombiner #31 5A		×		
#33 6A		x			#32 64	<u> </u>	X		-
RHR Pumps #31 3A	ļ	x			VC Isolation	<u> </u>			
#32 6A		x			(Phase A or B valves which				
Recirc Pumps #31 5A		x			are not in proper position)			_	
#32 6A		x							
Aux. Blr. Feed Pumps #31 3A		x				L			
#32		x							
#33 6A		x			High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A			x		#32(GPM)	0			
#32 2A	x				#33(GPM)	0			
#33 5A		x			#34(GPM)	0			
#34 3A	x				Low Head SI Flow #31(GPM)	0			
#35 6A	x				#32(GPM)	0			
Cont. Spray Pumps #31 5A		x			#33(GPM)	0			
#32 6A		x			#34(GPM)	0			
Charging Pumps #31 5A	x				Accum. Level #31 (%)	12			
#32 3A	x				#32 (%)	17			
#33 6A		x			#33 (%)	22			
Component Cool. Pumps #31 5A	x				#34 (%)	19			
#32 2A		x			Gas Turbines GT-1		x		
#33 6A	X				(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A	ļ	x			GT-3		x		
#32 6A	ļ	x				<u> </u>			
#33 5A		x			Appendix 'R' D/G		x		
#34 6A		x							

IP-3 EMERGENCY PLANNING EXERCISE

Date: 9/23/92

Time: 0945

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 12

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
TO:	MESSAGE	COMMENTS	CLASS
CCR	Plant status per Status Log #12	Plant Plant shutdown will continue using POP-3.1.	A L R T

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

TIME: 0945

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 12

Plant status per Plant Status Log #12

- THIS IS A DRILL -

EP FORM 31a

INDIAN POINT UNIT 309/23/92EMERGENCY PLANT STATUS REPORT0945

#12

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PARAMETER

VALUE

U1170	INCORE T/C TIME AVG VALUE	580	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	594	DEG F
U0484	RCL AVG TAVG	558	DEG F
U0486	RCL HOT AVG T	586	DEG F
PT-402	RCS PRESSURE - LOOP 1	2200	PSIG
PT-403	RCS PRESSURE - LOOP 4	2200	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	65	DEG F
TMARCETA	CET TEMP SAT MAR	69	DEG F
S498AD	RCP #31 STATUS	. ON	
S498BD	RCP #32 STATUS	ON	
S498CD	RCP #33 STATUS	ON	
S498DD	RCP #34 STATUS	ON	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	31.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	53.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	52.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	52.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	52.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	845.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	845.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	845.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	845.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG	0.5	PSIG
FT1200	AUX FD FLOW TO SG #31	0.0	GPM
FT1201	AUX FD FLOW TO SG #32	0.0	GPM
FT1202	AUX FD FLOW TO SG #33	0.0	GPM
FT1203	AUX FD FLOW TO SG #34	0.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	26.0	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	26.0	FT
TC-1416	CONTAINMENT AVG TEMPERATURE	104.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	42.7	FT
LT-1256	CONTAINMENT SUMP LEVEL	42.7	\mathbf{FT}
LT-1251	RECIRCULATION SUMP LEVEL	35.0	FT
LT-1252	RECIRCULATION SUMP LEVEL	35.0	FT
LT-920	RWST LEVEL	36.1	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LRUUZB	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LRUUIA	RVLIS FULL RANGE	105.0	PCT
LROOIB	RVLIS FULL RANGE	105.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	7.000-05	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	7.000-05	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	0.0	CPS
N-32	SOURCE RANGE DETECTOR	0.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG Q	60.0	\mathbf{PCT}

#12

EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 0945

PARAMETER

VALUE

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R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	А	3.500E+02	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	Α	4.500E+02	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	6.560E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	7.210E-03	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	U	1.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	U	1.000E+00	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

E - ENTERED VALUE

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

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#12

TIME OF INFORMATION: 0945

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PARAMETER	0	s	os	REMARKS	PARAMETER		s	os	REMARKS
Reactor Coolant Pumps #31 1	x		[Serv. Water Pmps. #31 5A	x			
#32 4	x		[· · · ·	(Essential Header) #32 2A	x		1	
#33 3	x		2		#33 6A		x		
#34 2	x				#34 5A	x			
Emergency D/G/s #31 24		Y			#35 3A		x		
#32 64		Ŷ			#7.6 6.4				
#33 54		x			RHR Heat Exchangers #31		Y		
Offsite Power Avail 138KV	x				#32	1	x		
13.8KV	X				Comp. Cool Ht. Exch #31	x			
SIS Pumpe d'21 54			v		#32	x			
#32 24		l v	<u> </u>		Hydrogon Recembines #21 54				
#32 64		Ĵ				+	, V		
RHR Pumps #31 34		Ŷ			#32 DA		~		
					VC Isolation	╂───			
#32 6A		X			(Phase A or B valves which	<u> </u>			
Recirc Pumps #31 5A		X			are not in proper position)				
#32 6A		x							
Aux. Bir. Feed Pumps #31 3A		x							
#32		x					-		
#33 6A		x			High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A			x		#32(GPM)	0			
#32 2A	x				#33(GPM)				
#33 5A		x			#34(GPM)	0			
#34 3A	x			·	Low Head SI Flow #31(GPM)	0			
#35 6A	x				#32(GPM)	0			
Cont. Sprav Pumps #31 54		Y			#33(GPM)	0			
#32 6A		x			#34 (GDN)				
Charging Pumps #31 5A	x				Accum, Level #31 (%)	12			
#32 3A	X				#32 (%)	17			
#33 6A		x			#33 (%)	22			
Component Cool Dimon #21 E4	Ţ				#34 (%)	19			
ATO SA	^	J							
#32 ZA		<u> </u>			Gas Turbines GT-1		x		
#33 6A	X				(Call Con Edison) GT-2		×		
Aux. Comp. Cool Pumps #31 5A		x			GT-3		x		
#32 6A		x							
#33 5A		×			Appendix 'R' D/G		<u>×</u>		
#34 6A		x							

IP-3 EMERGENCY PLANNING EXERCISE.

Date: 9/23/92

Time: 1000

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 13

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
TO:	MESSAGE	COMMENTS	CLASS
CCR	Plant status per Plant Status Log #13	Plant shutdown will continue using POP-3.1.	A L R T

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

TIME: 1000

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 13

Plant status per Plant Status Log #13

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- THIS IS A DRILL -

EP FORM 31a

#13

INDIAN POINT UNIT 3 • EMERGENCY PLANT STATUS REPORT - 09/23/92 201000 •

PARAMETER

VALUE

U1170	INCORE T/C TIME AVG VALUE	571	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	582	DEG F
U0484	RCL AVG TAVG	556	DEG F
U0486	RCL HOT AVG T	577	DEG F
PT-402	RCS PRESSURE - LOOP 1	2160	PSIG
PT-403	RCS PRESSURE - LOOP 4	2160	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	71	DEG F
TMARCETA	CET TEMP SAT MAR	75	DEG F
S498AD	RCP #31 STATUS	N ON	
S498BD	RCP #32 STATUS	ON	
S498CD	RCP #33 STATUS	ON	
S498DD	RCP #34 STATUS	ON	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	25.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	53.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	52.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	52.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	52.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	880.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	880.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	880.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	880.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG	0.8	PSIG
FT1200	AUX FD FLOW TO SG #31	0.0	GPM
FT1201	AUX FD FLOW TO SG #32	0.0	GPM
FT1202	AUX FD FLOW TO SG #33	0.0	GPM
FT1203	AUX FD FLOW TO SG #34	0.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	26.0	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	26.0	FT
TC-1416	CONTAINMENT AVG TEMPERATURE	104.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	43.0	FT
LT-1256	CONTAINMENT SUMP LEVEL	43.0	FT
LT-1251	RECIRCULATION SUMP LEVEL	35.0	FT
LT-1252	RECIRCULATION SUMP LEVEL	35.0	FT
LT-920	RWST LEVEL	36.1	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR001A	RVLIS FULL RANGE	105.0	PCT
LR001B	RVLIS FULL RANGE	105.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	6.500-05	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	6.500-05	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	0.0	CPS
N-32	SOURCE RANGE DETECTOR	0.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG O	50.0	PCT
		0010	

#13

EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1000

PARAMETER

VALUE

R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	A	5.000E+02	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	Α	6.000E+02	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	7.450E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	8.950E-03	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	U	1.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	U	1.000E+00	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	x -	OUT OF ALAR	M CHECKIN

U - UNAVAILABLE OR OUT-OF-RANGE S - OUT OF SCAN

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E - ENTERED VALUE

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

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#13

TIME OF INFORMATION: 1000

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PARAMETER	0	s	OS	REMARKS	PARAMETER	0	S	os	REMARKS
Reactor Coolant Pumps #31 1	x				Serv. Water Pmps. #31 5A	x			
#32 4	x				(Essential Header) #32 2A	x			
#33_3	x				#33 6A		x		
#34_2	x				#34 5A	x			
Emergency D/G's #31 2A		x			#35 3A		x		;
#32 6A		x			#36 6A	x			
#33 5A		x			RHR Heat Exchangers #31		x		
Offsite Power Avail 138KV	x				#32		x		
13.8KV	x				Comp. Cool Ht. Exch #31	x			
SIS Pumps #31 5A			x		#32	x			
#32 2A		x			Hydrogen Recombiner #31 5A		x		
#33_6A		x			#32 6A		X		
RHR Pumps #31 3A		x			VC Isolation				
#32 6A		x			(Phase A or B valves which				
Recirc Pumps #31 5A		x			are not in proper position)				
#32 6A		x							
Aux. Bir. Feed Pumps #31 3A		x							
#32		x							
#33 6A		x			High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A			x		#32(GPM)	0			
#32 2A	x				#33(GPM)	0			
#33 5A		x			#34(GPN)	0			
#34 3A	x				Low Head SI Flow #31(GPM)	0			
#35 6A	x				#32(GPM)	0			
Cont. Spray Pumps #31 5A		x			#33(GPM)	0			
#32 6A		x			#34(<u>G</u> PM)	0			
Charging Pumps #31 5A	x				Accum. Level #31 (%)	12			
#32 3A	x				#32 (%)	17			
#33 6A		X			#33 (%)	22			
Component Cool. Pumps #31 5A	x				#34 (%)	19			
#32 2A		x			Gas Turbines GT-1		x		
#33 6A	x				(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A		x			GT-3		x		
#32_6A		x							
#33 5A		x			Appendix 'R' D/G		x		
#34 6A		x							

Date: 9/23/92

Time: 1015

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 14

ISSUED TO:	SUMMARY OF MESSAGE	ANTICIPATED RESULTS COMMENTS	EMERG.
CCR	Plant status per Plant Status Log #14 Pressurizer Low Pressure Safety Injection 1 [#] out annunciator.	The CCR operators will respond to the safety injection and unit trip by implementing Emergency Operating Procedure E-0, Reactor or Safety Injection. A Site Area Emergency, known loss of coolant accident that exceeds the capacity two charging pumps (EAL I.A.3) should be declared within 15 minutes of the	SAE
		The Site Assembly Alarm should be sounded and the accountability process should commence.	

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

TIME: 1015

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 14

Plant status per Plant Status Log #14

Pressurizer Low Pressure Safety Injection 1st out annunciator

- THIS IS A DRILL -

EP FORM 31a

#14

INDIAN POINT UNIT 309/23/92EMERGENCY PLANT STATUS REPORT1015

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PARAMETER

VALUE

U1170	INCORE T/C TIME AVG VALUE	551	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	562	DEG F
U0484	RCL AVG TAVG	540	DEG F
U0486	RCL HOT AVG T	557	DEG F
PT-402	RCS PRESSURE - LOOP 1	1680	PSIG
PT-403	RCS PRESSURE - LOOP 4	1680	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	58	DEG F
TMARCETA	CET TEMP SAT MAR	62	DEG F
S498AD	RCP #31 STATUS	" ON	
S498BD	RCP #32 STATUS	ON	
S498CD	RCP #33 STATUS	ON	
S498DD	RCP #34 STATUS	ON	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	6.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	0.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	68.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	64.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	67.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	66.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	970.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	970.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	970.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	970.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG	3.8	PSIG
FT1200	AUX FD FLOW TO SG #31	200.0	GPM
FT1201	AUX FD FLOW TO SG #32	200.0	GPM
FT1202	AUX FD FLOW TO SG #33	200.0	GPM
FT1203	AUX FD FLOW TO SG #34	200.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	26.0	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	26.0	\mathbf{FT}
TC-1416	CONTAINMENT AVG TEMPERATURE	128.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1256	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1251	RECIRCULATION SUMP LEVEL	46.9	FT
LT-1252	RECIRCULATION SUMP LEVEL	46.8	FT
LT-920	RWST LEVEL	36.1	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	100.0	PCT
LR001A	RVLIS FULL RANGE	105.0	PCT
LR001B	RVLIS FULL RANGE	105.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1.000-10	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	1.000-10	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	0.0	CPS
N-32	SOURCE RANGE DETECTOR	0.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG O	0_0	PCT

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

EP FORM 31b

7

#14

09/23/92 1015

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PARAMETER

VALUE

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R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	Α	6.000E+02	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	A	7.000E+02	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	U	1.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	U	1.000E+00	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE	·	4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

E - ENTERED VALUE

EP-FORM #31cIP-3 PLANT STATUS LOGDATE: 9/23/92

#14 TIME OF INFORMATION: 1015

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	PARAMETER	0	s	os	REMARKS	PARAMETER	o	s	os	REMARKS
	Reactor Coolant Pumps #31 1			x		Serv. Water Pmps. #31 5A	x			
	#32 4			x		(Essential Header) #32 2A	x			
	#33 3			x		#33 6A	x			
	#34 2			x		#34 5A	x			
	Emergency D/G's #31 2A		x			#35 3A		x		
	#32 64		x			#36 6A		x		
	#33 5A		x			RHR Heat Exchangers #31	x			
	Offsite Power Avail 138KV	x				#32	x			
	13.8KV	x				Comp. Cool Ht. Exch #31	x			
	SIS Pumps #31 5A			x		#32	x			
	#32 2A			x		Hydrogen Recombiner #31 5A		x		
	#33 64	X			· · · · · · · · · · · · · · · · · · ·	#32 6A		x		
	RHR Pumps #31 3A	x				VC lealation				
	Pecirc Pumps #31.54		v			are pot in proper				· · · · ·
		ļ	Â			position)	ļ			
	#32 6A		x				ļ			
<u> </u>	Aux. Blr. Feed Pumps #31 3A	x								
Î	#32		X						,	
	#33 6A	x				High Head SI Flow #31(GPM)	100			
	Fan Cooler Units #31 5A			x		#32(GPM)	100			
	#32 2A	x				#33(GPM)	100			
	#33 54	x				#34(GPM)	100			
	#34 3A	x				Low Head SI Flow #31(GPM)	0			
	#35_6A	x				#32(GPM)	0			
	Cont. Spray Pumps #31 5A		x			#33(GPN)	0			
	#32 6A		x			#34(GPM)	0			
	Charging Pumps #31 5A	x				Accum. Level #31 (%)	12			
	#32 3A	x				#32 (%)	17			
	#33 6A	x				#33 (%)	22			
	Component Cool. Pumps #31 5A	x				#34 (%)	19			
	#3 2 2A	x				Gas Turbines CT-1		Y		
	#33 64	x				(Call Con Edison) 67-2		Ŷ		
	Aux. Comp. Cool Pumps #31 5A	x			· · · ·	GT-3		x		
	#32 6A	x			<u> </u>					
	#33 5A	x				Appendix 'R' D/G		x		
	#34 6A	x								
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Date: 9/23/92

<u>Time: 1030</u>

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 15

ISSUED <u>TO:</u>	SUMMARY OF MESSAGE	ANTICIPATED RESULTS COMMENTS	EMERG. CLASS
CCR	Plant status per Plant Status Log #15 Green and amber lights are lit above the control switch	The green and amber lights associated with #32 SI pump will provide the CCR operators with sufficient	SAE
	for #32 Safety Injection Pump.	that the pump has tripped. They contact the Nuclear NPO and direct him to locally	
	Field report #3 will be issued in the PAB to the nuclear NPO when he is	check the condition of the pump.	
	directed by the CCR to investigate the cause of the failure of #32 SI Pump. The field report will indicate that the pump motor is yory	The response to the loss of coolant accident will continue using the Emergency Operating Procedures.	
	hot and smells of scorched insulation.	Reactor or Secondary Coolant, should be in effect and the ASS should be monitoring CSF Status Trees.	
		At this time no RED or ORANGE conditions should exists.	
		Attempts to re-start #32 SI pump fail.	

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

TIME: 1030

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 15

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Plant status per Plant Status Log #15

Green and amber lights are lit above the control switch for #32 Safety Injection Pump.

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#15

EP FORM 31a

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INDIAN POINT UNIT 3 09/23/92 EMERGENCY PLANT STATUS REPORT - 1030

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PARAMETER

VALUE

INCORE T/C TIME AVG VALUE	605	DEG F
INST VALUE OF HOTTEST INCORE T/C	611	DEG F
RCL AVG TAVG	595	DEG F
RCL HOT AVG T	601	DEG F
RCS PRESSURE - LOOP 1	965	PSIG
RCS PRESSURE - LOOP 4	965	PSIG
LOWEST RCS TEMP SAT MARGIN	· O	DEG F
CET TEMP SAT MAR	0	DEG F
RCP #31 STATUS	OFF	
RCP #32 STATUS	OFF	
RCP #33 STATUS	OFF	
RCP #34 STATUS	OFF	
PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
CHARGING PUMP DISCHARGE FLOW	95.0	GPM
STEAM GENERATOR #31 W.R. LEVEL	80.0	PCT
STEAM GENERATOR #32 W.R. LEVEL	80.0	PCT
STEAM GENERATOR #33 W.R. LEVEL	80.	PCT
STEAM GENERATOR #34 W.R. LEVEL	80.0	PCT
STM GEN A STM $P 1/2/3$ AVC	995 0	PSTC
STM GEN R STM P $1/2/3$ AVC	995.0	DSTG
STM GEN C STM P $1/2/3$ AVC	995.0	PSTC
STM GEN C SIM $r = 1/2/3$ AVG	995.0	PSTG
CONTATINET P 1/2/3 AVC	16 9	PSIG
AUX ED FLOW TO SC #21	10.9	CDM
NUX ED FLOW TO SG #31	100.0	CDM
NUX ED FLOW TO SG #32	100.0	GPM
NUX ED FLOW TO SG #35	100.0	GPM
CONDENSAME CHODAGE HANK LEVEL	100.0	GPM
CONDENSATE STORAGE TANK LEVEL	25.0	FT FM
CONDENSATE STORAGE TANK LEVEL	25.0	FT DEC E
CONTAINMENT AVG LEMPERATURE	130.0	DEG F
CONTAINMENT SUMP LEVEL	40.8	FT
DECIDOUI ATION CIMP LEVEL	40.8	FT
RECIRCULATION SUMP LEVEL	46.8	FT
RECIRCULATION SUMP LEVEL	40.8	FT TT
CHEMICAL CODAY ADDIGIUE DANK IVI	35.8	FT DOT
CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
CONTAINMENT H2 CONCENTRATION	0.0	PCT
CONTAINMENT H2 CONCENTRATION	0.0	PCT
RVLIS DINAMIC HEAD RANGE	0.0	PCT
RVLIS DINAMIC HEAD RANGE	0.0	PCT
RVLIS FULL RANGE	58.0	PCT
RVLIS FULL RANGE	58.0	PCT
INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
SOURCE RANGE DETECTOR	95.0	CPS
SOURCE RANGE DETECTOR	95.0	CPS
SOURCE RANGE START-UP RATE	0.0	DECPM
PWR RNG NUCL CHANNEL RMP AVG Q	0.0	PCT
	INCORE T/C TIME AVG VALUE INST VALUE OF HOTTEST INCORE T/C RCL AVG TAVG RCL HOT AVG T RCS PRESSURE - LOOP 1 RCS PRESSURE - LOOP 4 LOWEST RCS TEMP SAT MARGIN CET TEMP SAT MAR RCP #31 STATUS RCP #32 STATUS RCP #33 STATUS RCP #34 STATUS PRESSURIZER LEVEL 1/2/3 AVG CHARGING PUMP DISCHARGE FLOW STEAM GENERATOR #31 W.R. LEVEL STEAM GENERATOR #32 W.R. LEVEL STEAM GENERATOR #33 W.R. LEVEL STEAM GENERATOR #34 W.R. LEVEL STM GEN D STM P 1/2/3 AVG STM GEN D STM P 1/2/3 AVG STM GEN D STM P 1/2/3 AVG CONTAINMENT P 1/2/3 AVG AUX FD FLOW TO SG #31 AUX FD FLOW TO SG #32 AUX FD FLOW TO SG #34 CONDENSATE STORAGE TANK LEVEL CONDENSATE STORAGE TANK LEVEL CONTAINMENT SUMP LEVEL CONTAINMENT SUMP LEVEL CONTAINMENT SUMP LEVEL RECIRCULATION SUMP LEVEL RECIRCULATION SUMP LEVEL RECIRCULATION SUMP LEVEL RECIRCULATION SUMP LEVEL RECIRCULATION SUMP LEVEL RECIRCULATION SUMP LEVEL RWST LEVEL CHEMICAL SPRAY ADDITIVE TANK LVL CONTAINMENT H2 CONCENTRATION CONTAINMENT H2 CONCENTRATION RVLIS DYNAMIC HEAD RANGE RVLIS DYNAMIC HEAD RANGE RVLIS FULL RANGE RVLIS FULL RANGE INTERMEDIATE RANGE DETECTOR INTERMEDIATE RANGE DETECTOR INTERMEDIATE RANGE DETECTOR SOURCE RANGE DETECTOR	INCORE T/C TIME AVG VALUE605INST VALUE OF HOTTEST INCORE T/C611RCL AVG TAVG595RCL HOT AVG T601RCS PRESSURE - LOOP 1965LOWEST RCS TEMP SAT MARGIN0CET TEMP SAT MAR0CET TEMP SAT MAR0CET TEMP SAT MAR0CET TEMP SAT MAR0RCP #31 STATUSOFFRCP #33 STATUSOFFRCP #34 STATUS0STEAM GENERATOR #31 W.R. LEVEL80.0STEAM GENERATOR #32 W.R. LEVEL80.0STEAM GENERATOR #33 W.R. LEVEL80.0STEAM GENERATOR #34 W.R. LEVEL80.0STEM GENERATOR #34 W.R. LEVEL80.0STM GEN & STM P 1/2/3 AVG995.0STM GEN B STM P 1/2/3 AVG995.0STM GEN D STM P 1/2/3 AVG995.0STM GEN D STM P 1/2/3 AVG16.9AUX FD FLOW TO SG #31100.0AUX FD FLOW TO SG #31100.0AUX FD FLOW TO SG #33100.0AUX FD FLOW TO SG #33100.0AUX FD FLOW TO SG #3425.0CONTAINMENT AVG TEMPERATURE35.8CHEMICAL SFRAY ADDITIVE TANK LVL46.8ROCINCLATION SUMP LEVEL46.8RWST LEVEL46.8RWST LEVEL46.8RWST LEVEL58.0RVLIS FULL RANGE58.0RVLIS FULL RANGE DETECTOR1.000-11INTERMEDIATE RANGE DETECTOR1.000-11INTERMEDIATE RANGE DETECTOR0.0RVLIS FULL RANGE DETECTOR0.0RVLIS FULL RANGE DETECTOR50.0

- DRILL INFORMATION ONLY -

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EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1030

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PARAMETER

VALUE

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R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	А	6.700E+02	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	А	.7.700E+02	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	Α	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	U	1.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Ū	1.000E+00	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

E - ENTERED VALUE

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

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#15 TIME OF INFORMATION: 1030

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PARAMETER		0	s	os	REMARKS	PARAMETER	0	s	os	REMARKS
Reactor Coolant Pumps	#31_1			x		Serv. Water Pmps. #31 5A	x			
	#32 4			x		(Essential Header) #32 2A	x			
	#33_3			x		#33 6A	x			
	#34 2			x		#34 5A	x			
Emergency D/G's	#31 2A		x			#35 3A		x		
	#32 6A		x			#36 6A	·	×	1	
	#33 5A		x			RHR Heat Exchangers #31	x			1
Offsite Power Avail	138KV	x				#32	x			
	13.8KV	x		į		Comp. Cool Ht. Exch #31	x			
SIS Pumps	#31 5A			x		#32	x			
	#32 2A			x		Hydrogen Recombiner #31 5A	1	x		
	#33 6A	x				#32 6A	1	x		
RHR Pumps	#31 3A	x				VC isolation		<u> </u>		
	#32 6A	x				(Phase A or B valves which	1		-	
Recirc Pumps	#31 5A		x			are not in proper				
	472 64		~			position)				· · ·
	#21 24	v	<u></u>							
Hun. Bit. reed Puips	#31 34	<u> </u>	Ţ				1			
	#33 64	Y	<u> </u>		· · · · · · · · · · · · · · · · · · ·					
		Ŷ	_			High Head SI Flow #31(GPM)	100			
Fan Cooler Units	#31 5A			X		#32(GPN)	100			
	#32_2A	X				#33(GPM)	100			
	#33_5A	X				#34(GPM)	100			
	#34 3A	x				Low Head SI Flow #31(GPM)	0			
	#35 6A	X				#32(GPM)	0			
Cont. Spray Pumps	#31 5A		_ X			#33(GPM)	0			
	#32 6A		X			#34(GPM)	0			
Charging Pumps	#31 5A	X		-		Accum. Level #31 (%)	12			
	#32 3A	X				#32 (%)	17			
	#33 6A	X				#33 (%)	22			
Component Cool. Pumps	#31_5A	x				#34 (%)	19			
	#3 2 2A	x				Gas Turbines GT-1		x		
	#33 6A	x				(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps	#31 5A	X				GT-3		x		
	#32 6A	x								
	#33 5A	x				Appendix 'R' D/G		x		
	#34 6A	x				· · · · · · · · · · · · · · · · · · ·				
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Date: 9/23/92

Time: 1045

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 16

ISSUED TO:	SUMMARY OF MESSAGE	ANTICIPATED RESULTS COMMENTS	EMERG. CLASS
CCR	Plant status per Plant Status Log #16. Field Report #3A is issued to investigate 480V AC breaker for #32 SI pump.	CCR operators continue responding using the Emergency Operating Procedures. After reviewing Plant Status Log #16, a transition to procedure FR- C.2, Response to Degraded Core Cooling will be made within the next 15 minutes. This transition to the Functional Restoration Procedures will be made as the result of CSF Status Tree monitoring, which finds Core Exit Temperatures in	SAE

DATE: 9/23/92

TIME: 1045

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 16

Plant status per Plant Status Log #16

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- THIS IS A DRILL -



EP FORM 31a

INDIAN POINT UNIT 3 09/23/92 EMERGENCY PLANT STATUS REPORT ~ 1045

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PARAMETER

VALUE

U1170	INCORE T/C TIME AVG VALUE	695	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	705	DEG F
U0484	RCL AVG TAVG	615	DEG F
U0486	RCL HOT AVG T	691	DEG F
PT-402	RCS PRESSURE - LOOP 1	560	PSIG
PT-403	RCS PRESSURE - LOOP 4	560	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	· O	DEG F
TMARCETA	CET TEMP SAT MAR	0	DEG F
S498AD	RCP #31 STATUS	OFF	
S498BD	RCP #32 STATUS	OFF	
S498CD	RCP #33 STATUS	OFF	
S498DD	RCP #34 STATUS	OFF	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	70.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	70.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	70.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	70.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	940.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	940.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	940.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	940.0	PSTG
U1000	CONTAINMENT P 1/2/3 AVG	18.3	PSTG
FT1200	AUX FD FLOW TO SG #31	100.0	GPM
FT1201	AUX FD FLOW TO SG #32	100.0	CDM
FT1202	AUX FD FLOW TO SG #33	100.0	CPM
FT1203	AUX FD FLOW TO SG #34	100.0	CPM
LT1128	CONDENSATE STORAGE TANK LEVEL	24 3	GFM FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	24.5	ች ት ፑጥ
TC-1416	CONTAINMENT AVG TEMPERATURE	127 0	DFG F
LT-1255	CONTAINMENT SUMP LEVEL	16 8	DEG I FT
LT-1256	CONTAINMENT SUMP LEVEL	40.0	r i Fm
LT-1251	RECIRCULATION SUMP LEVEL	40.0	r I FT
LT-1252	RECIRCULATION SUMP LEVEL	40.8	r I FT
LT-920	RWST LEVEL	40.0	r I
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84 0	F I DCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	04.0	
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCI
LR002A	RVLIS DYNAMIC HEAD RANGE	0.0	
LR002B	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR001A	RVLIS FULL RANGE	60.0	PCT PCT
LR001B	RVLIS FULL RANGE	60.0	PCI
N-35	INTERMEDIATE BANGE DETECTOR	1 000-11	AMDC
N-36	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
KISUR	INTERMEDIATE RANGE START-UP DATE	1.000-11	AMPS
N-31	SOURCE RANGE DETECTOR		DECPM
N-32	SOURCE RANGE DETECTOR	90.0	CPS
KSSUR	SOURCE RANGE START-UD DAME	90.0	CPS
U1169	DAB BNC NIICI CHANNEL DWD MAC O	0.0	DECPM
01107	THE RUG NOCH CHANNEL KMP AVG Q	0.0	PCT

#16

EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1045

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PARAMETER

VALUE

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R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	Α	7.500E+02	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	Α	.8.500E+02	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	A	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	U	1.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	U	1.000E+00	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	X - (OUT OF ALAR	M CHECKIN
		~		

U - UNAVAILABLE OR OUT-OF-RANGE S - OUT OF SCAN E - ENTERED VALUE

- NG

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

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HIV TIME OF INFORMATION: 1045

PARAMETER D S DS REMARKS PARAMETER O S DS REMARKS Reactor Coolant Pumps #31 1 X X (Essential Header) #32 A X (Essential Header) #33 A	PARAMETER Reactor Coolant Pumps # 	#31 1 #32 4 #33 3 #34 2 #31 2A #32 6A #33 5A 138KV 13.8KV #31 5A	0 	s x x x x x x x x	<u>OS</u>	REMARKS	PARAMETER Serv. Water Pmps. #31 5A (Essential Header) #32 2A #33 6A #34 5A #35 3A	0 X X X X X	S	os x	REMARKS
Reactor Coolant Pumps #31 1 X Serv. Water Pups. #31 5A X Coolant Pupps Coolant	Reactor Coolant Pumps 4	#31 1 #32 4 #33 3 #34 2 #31 2A #32 6A #33 5A 138KV 13.8KV #31 5A	× ×	x x x x x x x x x			Serv. Water Pmps. #31 5A (Essential Header) #32 2A #33 6A #34 5A #35 3A	x x x x		×	
#32.4 X (Essential Header) #32 2A X X #33.3 X #33.6A X #33.6A X #34.2 X #35.5A X #35.5A X Image: Constraint of the const	Emergency D/G's	#32 4 #33 3 #34 2 #31 2A #32 6A #33 5A 138KV 13.8KV #31 5A	x	x x x x x x	7		(Essential Header) #32 2A #33 6A #34 5A #35 3A	x x x		x	
#33 3 X #33 4 X #33 6A X #34 2 X #34 5A X #35 6A X	Emergency D/G's	#33 3 #34 2 #31 2A #32 6A #33 5A 138KV 13.8KV #31 5A	× ×	x x x x x			#33 6A #34 5A #35 3A	x		x	
#34 2 X #34 5 X #34 5 X #35 5A #35 5A X #35 5A	Emergency D/G's	#34 2 #31 2A #32 6A #33 5A 138KV 13.8KV #31 5A	× ×	x x x x			#34 5A #35 3A	x x			
Emergency D/G's #31 2A X #35 5A X #36 6A X #32 6A X #66 6A X #66 6A X #67 6A	Emergency D/G's	#31 2A #32 6A #33 5A 138KV 13.8KV #31 5A	×	x x x			#35 3A	x			
arrow by 076*8 #51 2A A A #52 6A X RHR Heat Exchangers #31 X 9735 5A X RHR Heat Exchangers #31 X 0ffsite Power Avail 138xV X #32 X 13.8xV X Comp. Cool Ht. Exch #31 X 13.8xV X 652 X 10 13.8xV X Comp. Cool Ht. Exch #31 X 10 13.8xV X 10 #32 X 10 #32 A X 10 10 10 #32 A X 10 10 10 10 <tr< td=""><td>Offsite Power Avail</td><td>#31 2A #32 6A #33 5A 138KV 13.8KV #31 5A</td><td>x</td><td>x x x</td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td></tr<>	Offsite Power Avail	#31 2A #32 6A #33 5A 138KV 13.8KV #31 5A	x	x x x					1		
#32 GA X Rift Heat Exchangers #31 X X ##33 5A X RHR Heat Exchangers #31 X 13 Offsite Power Avail 138kV X 132 X 13 13.8kV X Comp. Cool Ht. Exch #31 X 13 13 13.8kV X Comp. Cool Ht. Exch #31 X 14 13.8kV X Comp. Cool Ht. Exch #31 X 14 13.8kV X 152 CA X 14 #32 A X 153 X 154 X #32 A X 154 X 155 X 155 #33 5A X 154 X 155 154 X 155 #35 CA X 154 X 155 154 155 155 #37 CA X 154 X 155 156 156 156 156 156 156 156 156 156 157 156 1	Offsite Power Avail	#33 5A 138KV 13.8KV #31 5A	x	X X				1			
ASS 3A A <td>Offsite Power Avail</td> <td>138KV 13.8KV 13.8KV #31 5A</td> <td>x x</td> <td><u>^</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Offsite Power Avail	138KV 13.8KV 13.8KV #31 5A	x x	<u>^</u>							
Offsite Power Avail 13.6xv X 201 202 X 1 13.6xv X Comp. Cool Ht. Exch #31 X 4/32 X 1 S1S Pumps #31 5A X 4/32 X 4/32 X 1 #32 2A X Hydrogen Recombiner #31 5A X 4/32 X 1 #33 6A X Hydrogen Recombiner #31 5A X 1 1 1 #33 6A X Image: Algorithm of the second register in the se		13.8KV 13.8KV #31 5A	x				KRK Reat Exchangers #31				
13.8KV X Long. Long. Long. Kail X #15 A X #32 X #32 X #32 #15 A X #15.5A #15.5A X #15.5A X #15.5A X #15.5A X #15.5A X #15.5A X #15.5A <t< td=""><td></td><td>13.8KV #31 5A</td><td>X</td><td> </td><td></td><td></td><td>#32</td><td>×</td><td></td><td></td><td></td></t<>		13.8KV #31 5A	X				#32	×			
SIS Pumps #31 5A X #32 X #52 2A X Hydrogen Recombiner #31 5A X #53 6A X #52 6A X #73 6A X #52 6A X #73 6A X #52 6A X #75 6A X VC Isolation		#31 5A					Comp. Cool Ht. Exch #31	×			
#52 2A X Hydrogen Recombiner #31 5A X #33 6A X #32 6A X #87 20A X #32 6A X RHR Pumps #31 3A X VC Isolation #32 6A X (Phase A or B valves which #80 20 A X (Phase A or B valves which #80 20 A X are not in proper position) #32 6A X #32 6A X #32 6A X are not in proper position) #32 6A X #32 6A X #32 6A X #32 6A X #32 7 X #32 8A X #33 6A X #33 (GPH)	SIS Pumps a				X		#32	×	 		
#33 6A X #32 6A X RHR Pumps #31 3A X VC Isolation	1	#32 2A			X	· · · · · · · · · · · · · · · · · · ·	Hydrogen Recombiner #31 5A	<u> </u>	X		
RHR Pumps #31 3A X VC Isolation #32 6A X (Phase A or B valves which Recirc Pumps #31 5A X are not in proper position) #32 6A X		#33_6A			X		#32 6A		X		
#32 6A X (Phase A or B valves which are not in proper position) #32 6A X are not in proper position) #32 6A X #32 7 X #33 6A X #33 6A X High Head SI Flow #31(GPH) 0 #33 6A X #32(GPH) 0 #33 5A X #33(GPH) 0 #33 5A X #33(GPH) 0 #33 5A X #33(GPH) 0 #33 5A X #33(GPH) 0 #33 5A X #33(GPH) 0 #33 5A X #33(GPH) 0 #33 5A X #33(GPH) 0 #35 6A X #33(GPH) 0	RHR Pumps a	#31 3A	X				VC Isolation	ļ			
Recirc Pumps #31 5A X are not in proper position) #32 6A X		#32 6A			x		(Phase A or B valves which				
#32 6A X Aux. Blr. Feed Pumps #31 3A X Image: Content of the state of	Recirc Pumps a	1/31 5 A		×			are not in proper position)				
Aux. Blr. Feed Pumps #31 3A X Aux Migh Head SI Flow #31(GPM) O #32 X High Head SI Flow #31(GPM) 0 Image: Content of the state of the		F3 2 6A		x							
#32 X N High Head SI Flow #31(GPM) 0 #33 6A X High Head SI Flow #31(GPM) 0 Fan Cooler Units #31 5A X #32 (GPM) 0 #32 2A X #33 (GPM) 0 #33 5A X #33 (GPM) 0 #33 5A X #33 (GPM) 0 #34 3A X Low Head SI Flow #31(GPM) 0 #35 6A X #32(GPM) 0 #35 6A X #33(GPM) 0 Cont. Spray Pumps #31 5A X #33(GPM) 0 #32 6A X #33(GPM) 0 #32 6A X #33(GPM) 0 #32 6A X Accum. Level #31 (X) 2 #32 3A X Accum. Level #31 (X) 4 #33 6A X #33 (X) 8	Aux. Blr. Feed Pumps #	1 31 3A	x								
#33 6A X High Head SI Flow #31(GPH) 0 Fan Cooler Units #31 5A X #32(GPH) 0 #32 2A X #33(GPH) 0 #33 5A X #33(GPH) 0 #33 5A X #33(GPH) 0 #33 5A X #33(GPH) 0 #33 5A X #34(GPH) 0 #34 3A X Low Head SI Flow #31(GPH) 0 #35 6A X #32(GPH) 0 Cont. Spray Pumps #31 5A X #33(GPH) 0 #32 6A X #34(GPH) 0 #32 6A X #34(GPH) 0 Charging Pumps #31 5A X #32(X) 4 #33 6A X #33(X) 8		132	x								
Fan Cooler Units #31 5A X #32 (GPH) 0 #32 2A X ////////////////////////////////////	*	#33 6A			x		High Head SI Flow #31(GPM)	0			
Harris WST 3A A A #32 2A X #33(GPN) 0 #33 5A X #34(GPM) 0 #33 5A X Low Head SI Flow #31(GPM) 0 #35 6A X #32(GPM) 0 #35 6A X #32(GPM) 0 Cont. Spray Pumps #31 5A X #33(GPM) 0 #32 6A X #33(GPM) 0 0 Charging Pumps #31 5A X Accum. Level #31 (X) 2 #32 3A X #33 (X) 8 4 4	Fan Cooler Units d	W31 54			~		#32(GPM)	0			
#33 5A X #33 (GPH) 0 #33 5A X #34 (GPH) 0 #34 3A X Low Head SI Flow #31 (GPH) 0 #35 6A X #32 (GPH) 0 Cont. Spray Pumps #31 5A X #33 (GPH) 0 #32 6A X #33 (GPH) 0 Charging Pumps #31 5A X #34 (GPH) 0 #32 6A X #34 (GPH) 0 #32 6A X #34 (GPH) 0 #32 6A X #34 (GPH) 0 #33 6A X #33 (X) 8		137 2A	x				#33/(CDM)				
#35 3A X Image: Content of the second s		133 5A	Ŷ			······	#35(GPH)				
#35 5A X Low nead 31 Prov #31(GPM) 0 #35 6A X #32(GPM) 0 Cont. Spray Pumps #31 5A X #33(GPM) 0 #32 6A X #34(GPM) 0 Charging Pumps #31 5A X Accum. Level #31 (X) 2 #32 3A X #32 (X) 4 #33 6A X #33 (X) 8		135 JA	Ŷ			· · · · · · · · · · · · · · · · · · ·	Hand ST Elou #31(GPH)				
Cont. Spray Pumps #31 5A X #33 (GPH) 0 #32 6A X #33 (GPH) 0 #32 6A X #34 (GPM) 0 Charging Pumps #31 5A X Accum. Level #31 (X) 2 #32 3A X #32 (X) 4 #33 6A X #33 (X) 8		135 6A			~		4722(CDH)				
Cont. Spray Pumps #31 5A X #32 6A X #32 6A X #34 (GPM) 0 Charging Pumps #31 5A X Accum. Level #31 (X) 2 #32 3A X #32 (X) 4 #33 6A X #33 (X) 8							#32(GPH)	0			
#32 6A X #34 (GPM) 0 Charging Pumps #31 5A X Accum. Level #31 (X) 2 #32 3A X #32 (X) 4 #33 (X) 8	Cont. Spray Pumps a	F51 5A		X			#33(GPH)				
Imaging Pumps #31 5A X Accum. Level #31 (X) 2 #32 3A X #32 (X) 4 #33 6A X #33 (X) 8		432 6A		X		<u></u>	#34(GPM)	0			
#32 3A X #32 (%) 4 #33 6A X #33 (%) 8	unarging Pumps 1						ACCUM. Level #31 (%)	2	<u> </u>	-	
#33 (%) 8		+JC JA	-				#32 (%)	4			
	1	AO CC+			X		#33 (%)	8			
Component Cool. Pumps #31 5A X #34 (%) 5	Component Cool. Pumps #	131 5A	X				#34 (%)	5		_	
#32 2A X Gas Turbines GT-1 X	*	132 ZA	X			·····	Gas Turbines GT-1		x		
#33 6A X (Call Con Edison) GT-2 X	#	733 6A			x	· · ·	(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A X GT-3 X	Aux. Comp. Cool Pumps #	131 5A	x				GT-3		x		
#32 6A X	#	32 6A			x						
#33 5A X Amendia / P/ D/G V	#	733 5A	x				Appendix 'R' D/G		x		
	#	EZ/. A.F								†	

IP-3 EMERGENCY PLANNING EXERCISE.

Date: 9/23/92

Time: 1100

11

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 17

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
TO:	MESSAGE	COMMENTS	CLASS
CCR	Plant status per Plant Status Log #17	CCR operators continue responding using the EOPs.	SAE



NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

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TIME: 1100

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 17

Plant status per Plant Status Log #17

- THIS IS A DRILL -

EP FORM 31a

	INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT	0	9/23/92
	PARAMETER	v	ALIE
		·	MDOD
U1170	INCORE T/C TIME AVG VALUE	71	5 DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	72	8 DEG F
U0484	RCL AVG TAVG	61	5 DEG F
U0486	RCL HOT AVG T	70	0 DEG F
PT-402	RCS PRESSURE - LOOP 1	53	0 PSIG
PT-403	RCS PRESSURE - LOOP 4	53	0 PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN		0 DEG F
TMARCETA	CET TEMP SAT MAR		0 DEG F
S498AD	RCP #31 STATUS	OFF	ļ.
S498BD	RCP #32 STATUS	OFF	•
S498CD	RCP #33 STATUS	OFF	1
S498DD	RCP #34 STATUS	OFF	1
U0483	PRESSURIZER LEVEL 1/2/3 AVG	0	.0 PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99	.0 GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	68	.0 PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	68	.0 PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	68	.0 PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	68	.0 PCT
U0414	STM GEN A STM P 1/2/3 AVG	920	.0 PSIG
U0434	STM GEN B STM P 1/2/3 AVG	920	.0 PSIG
U0454	STM GEN C STM P 1/2/3 AVG	920	.0 PSIG
U0474	STM GEN D STM P 1/2/3 AVG	920	.0 PSIG
U1000	CONTAINMENT P 1/2/3 AVG	17	.3 PSIG
FT1200	AUX FD FLOW TO SG #31	100	.0 GPM
FT1201	AUX FD FLOW TO SG #32	100	.0 GPM
FT1202	AUX FD FLOW TO SG #33	100	.0 GPM
FT1203	AUX FD FLOW TO SG #34	100	.0 GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	24	.3 FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	24	.3 FT
TC-1416	CONTAINMENT AVG TEMPERATURE	127	.0 DEG F
LT-1255	CONTAINMENT SUMP LEVEL	46	.8 FT
LT-1256	CONTAINMENT SUMP LEVEL	46	.8 FT
LT-1251	RECIRCULATION SUMP LEVEL	46	.8 FT
LT-1252	RECIRCULATION SUMP LEVEL	46	.8 FT
LT-920	RWST LEVEL	35	.7 FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84	.0 PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0	.0 PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0	.0 PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	0	.0 PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	0	.0 PCT
LR001A	RVLIS FULL RANGE	52	.0 PCT

#17

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52.0

0.0

90.0

90.0

0.0

0.0

1.000-11

1.000-11

PCT

PCT

AMPS

AMPS

CPS

CPS

PCT

DECPM

DECPM

LR001B

N-35

N-36

N-31

N-32

KSSUR

U1169

KISUR

RVLIS FULL RANGE

SOURCE RANGE DETECTOR

SOURCE RANGE DETECTOR

INTERMEDIATE RANGE DETECTOR

INTERMEDIATE RANGE DETECTOR

SOURCE RANGE START-UP RATE

PWR RNG NUCL CHANNEL RMP AVG Q

- DRILL INFORMATION ONLY -

INTERMEDIATE RANGE START-UP RATE

#17

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EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1100

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PARAMETER

E - ENTERED VALUE

VALUE

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R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	Α	8.000E+02	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	Α	9.000E+02	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	Α	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	U	1.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	U	1.000E+00	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

- DRILL INFORMATION ONLY -

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EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

#17 TIME OF INFORMATION: 1100

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	ŀ		I	<u> </u>	r			T		
PARAMETER		0	s	OS	REMARKS	PARAMETER	0	s	os	REMARKS
Reactor Coolant Pumps #31	1		×			Serv. Water Pmps. #31 5A	X	<u> </u>		
#32	2 4		x			(Essential Header) #32 2A	x			
#33	3 3		x	2		#33 6A			x	
#34	2		x			#34 5A	x			
Emergency D/G's #31	24		x			#35 3A	x			
433			Ŷ			#36.64				
477	54		×			PHD Heat Exchangers #31		<u> </u>		
Offsite Power Avail 135	ary i	v		1		4720	† Ĵ	 		
diste Power Avait 130	9101	<u>~</u>				And the truck 474		<u> </u>		
	OKV	×				Comp. COOL HT. EXCH #31				
SIS Pumps #31	5A			X		#32	×	 		
#32	2 ZA			X		Hydrogen Recombiner #31 5A	<u> </u>	×		
#33	6A			x		#32 6A		x		
RHR Pumps #31	3A	X				VC Isolation				
#32	6A			x		(Phase A or B valves which				
Recirc Pumps #31	5A		x			are not in proper				
						position)				
#32	<u>6</u> 4		X				ļ			
Aux. Blr. Feed Pumps #31	<u>3</u> A	X					<u> </u>			
#32		x				· · · · · · · · · · · · · · · · · · ·				
#33	6A			x	-	High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31	54					#32(GPN)	0			
477	20			<u> </u>		477				
#32						#55(GPM)	0			
#33	<u> </u>	X				#34(GPM)	0			
#34	3A	<u>×</u>				Low Head SI Flow #31(GPM)	0			
#35	6A	_		X		#32(GPM)	0			
Cont. Spray Pumps #31	5A		X			#33(GPM)	0			
#32	6A		x			#34(GPN)	0			
Charging Pumps #31	5A	x				Accum. Level #31 (%)	0			
#32	3A	x				#32 (%)	0			
#33	6A			x		#33 (%)	0			
Component Cool, Pumps #31	5A	x				#34 (%)	0			
473	24								Ī	
#32						Gas Turbines GT-1		×		
#33	<u>6</u> A			X		(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31	54	<u>x</u>				GT-3		x		
#32	<u>6</u> A			X						
#33	5A	<u>×</u>				Appendix 'R' D/G		x		
107/	64			x				Ī		

Date: 9/23/92

<u>Time: 1115</u>

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 18

ISSUED TO:	SUMMARY OF MESSAGE	ANTICIPATED RESULTS COMMENTS	EMERG. CLASS
CCR	Plant status per Plant Status Log #18	The CCR operators will respond to the loss of electrical power to bus 6A	SAE
	480V Bus Main Tie or Emergency Breaker Tripped - alarm on panel SHF.	by directing the Conventional NPO to the 480V switchgear room to investigate the status of	
	Note: EDG output breaker to bus 6A is open (green light); the light for 86-6A	the 480V breakers associated with the bus.	
	(lockout relay) is not lit.	A transition to Functional Restoration Procedure FR-	
	Field Report #4 will be issued in the 480V SWGR room when the Conv. NPO investigates the cause of the failure of bus 6A. The report will indicate that both the normal and emergency breaker are open and that the AMPTECTOR device for the normal feeder breaker indicates that an electrical fault has occurred. The 86 (lockout) device for the bus is tripped.	C.1, Inadequate Core Cooling, will be made after plant data is reviewd because RVLIS Full Range indication has decreased below 39% with CETs above 700°F.	

Field Report(s) #4A/B will be issued when repair team arrives to investigate electrical fault on Bus 6A.

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

TIME: 1115

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 18

Plant status per Plant Status Log #18

480V Bus Main Tie or Emergency Breaker Tripped Alarm on panel SHF.

- THIS IS A DRILL -

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EP FORM 31a

INDIAN POINT UNIT 309/23/92EMERGENCY PLANT STATUS REPORT1115

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	PARAMETER	VALUE	
U1170	INCORE T/C TIME AVG VALUE	795	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	815	DEG F
U0484	RCL AVG TAVG	615	DEG F
U0486	RCL HOT AVG T	700	DEG F
PT-402	RCS PRESSURE - LOOP 1	505	PSIG
PT-403	RCS PRESSURE - LOOP 4	505	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	. 0	DEG F
TMARCETA	CET TEMP SAT MAR	0	DEG F
S498AD	RCP #31 STATUS	OFF	
S498BD	RCP #32 STATUS	OFF	
S498CD	RCP #33 STATUS	OFF	
S498DD	RCP #34 STATUS	OFF	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	58.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	58.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	58.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	58.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	860.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	860.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	860.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	860.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG	16.5	PSIG
FT1200	AUX FD FLOW TO SG #31	100.0	GPM
FT1201	AUX FD FLOW TO SG #32	100.0	GPM
FT1202	AUX FD FLOW TO SG #33	100.0	GPM
FT1203	AUX FD FLOW TO SG #34	100.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	23.5	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	23.5	FT
TC-1416	CONTAINMENT AVG TEMPERATURE	126.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1256	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1251	RECIRCULATION SUMP LEVEL	46.8	FT
LT-1252	RECIRCULATION SUMP LEVEL	46.8	FT
LT-920	RWST LEVEL	35.7	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR001A	RVLIS FULL RANGE	34.0	PCT
LR001B	RVLIS FULL RANGE	34.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	90.0	CPS
N-32	SOURCE RANGE DETECTOR	90.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG Q	0.0	PCT

#18

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EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1115

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PARAMETER

E - ENTERED VALUE

VALUE

R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	Α	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	Α	1.000E+03	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	Α	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	A	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	Α	2.000E+00	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Α	2.000E+00	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

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#18 TIME OF INFORMATION: 1115

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	0	6	05	DEMADYS	PARAMETER			05	DEMADYS
Reactor Coolant Pumos #31 1		x			Serv. Water Pmps. #31 5A	x	Ť	00	ALIVING.
#32 4		x			(Essential Header) #32 2A	x			
#33_3		x	4		#33_64			x	
#34 2		x			#34 5A	×		<u> </u>	
5 magazine b /0/a /171 34		,			#35 3A	x			
Emergency D/G's #31 ZA		Î				1			
#32 04		Ŷ			PHD Heat Exchangers #31		<u> </u>		
Offsite Power Avail 1384V	Y	Ê			ARK REAL EACHIMINETS #31	Î			
13 REV	Ŷ				Comp Cool Ht Exch #31	1 Û			
13.047	^				#32	Ŷ			
SIS Pumps #31 5A			<u>×</u>	· · · · · · · · · · · · · · · · · · ·	#52	<u> </u> ^_			
#32 ZA			X		Hydrogen Recombiner #31 5A		X		
#33 6A			X		#32 64	-	X	ĺ	
RHR Pumps #31 3A	X				VC Isolation	<u> </u>			
#32 6A			<u>X</u>		(Phase A or B valves which			.	
Recirc Pumps #31 5A		×			are not in proper position)				
#32 64		x							
Aux. Bir. Feed Pumps #31 3A	x								
#32	x								
#33 6A			x		High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A			x		#32(GPM)	0			
#32 2A	x		, :		#33(GPN)	0			
#33 5A	x				#34(GPM)	0			
#34 3A	x				Low Head SI Flow #31(GPM)	0			
#35 6A			x		#32(GPM)	0			
Cont. Spray Pumps #31 5A		x			#33(GPM)	o			
#32 6A		x			#34(GPM)	0			
Charging Pumps #31 5A	x				Accum. Level #31 (%)	0			
#32 3A	x				#32 (%)	0			
#33 6A			x		#33 (%)	0			
Component Cool. Pumps #31 5A	x				#34 (%)	0			
#32 2A	x				Gas Turbines GT-1		x		
#33 6A			x		(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A	x				GT-3		x		
#32 6A			x						
#33 5A	x				Appendix 'R' D/G		x		
#34 6A			x						

IP-3 EMERGENCY PLANNING EXERCISE

Date: 9/23/92

Time: 1130

11

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 19

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
TO:	MESSAGE	COMMENTS	CLASS
CCR	Plant Status per Status Log #19	Plant Response to the accident continues with procedure FR- C.1, Inadequate Core Cooling. Increasing radiation in the containment building will signal the beginning of cladding failure.	SAE



DATE: 9/23/92

TIME: 1130

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 19

Plant status per Plant Status Log #19

- THIS IS A DRILL -

EP FORM 31a

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#19

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PARAMETER

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U1170	INCORE T/C TIME AVG VALUE	1380	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	1425	DEG F
U0484	RCL AVG TAVG	615	DEG F
U0486	RCL HOT AVG T	700	DEG F
PT-402	RCS PRESSURE - LOOP 1	470	PSIG
PT-403	RCS PRESSURE - LOOP 4	470	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	· O	DEG F
TMARCETA	CET TEMP SAT MAR	0	DEG F
S498AD	RCP #31 STATUS	OFF	
S498BD	RCP #32 STATUS	OFF	
S498CD	RCP #33 STATUS	OFF	
S498DD	RCP #34 STATUS	OFF	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	56.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	56.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	56.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	56.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	740.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	740.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	740.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	740.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG	15.9	PSTG
FT1200	AUX FD FLOW TO SG #31	150.0	GPM
FT1201	AUX FD FLOW TO SG #32	150.0	GPM
FT1202	AUX FD FLOW TO SG #33	150.0	GPM
FT1203	AUX FD FLOW TO SG #34	150.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	23.0	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	23.0	FT
TC-1416	CONTAINMENT AVG TEMPERATURE	125.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1256	CONTAINMENT SUMP LEVEL	46.8	* * FT
LT-1251	RECTRCULATION SUMP LEVEL	40.0	⊥ ⊥ ፑጥ
LT-1252	RECIRCULATION SUMP LEVEL	46.8	г.т Г
LT-920	RWST LEVEL	35 7	ያ ገ ድጥ
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84 0	DCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	DCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR001A	RVLIS FULL RANGE	41.0	PCT
LR001B	RVLIS FULL RANGE	41.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1,000-11	AMDS
N-36	INTERMEDIATE RANGE DETECTOR	1 000-11	AMDS
KISUR	INTERMEDIATE RANGE START-UP RATE	1.000 11	DECDM
N-31	SOURCE RANGE DETECTOR		CDCLU
N-32	SOURCE RANGE DETECTOR	50.0	CDC
KSSIP	SOURCE RANCE CHARM-UD DAME	90.0	DECDY
111169	DWD DNC NHOL CUNNEL DMD NUC O	0.0	DECPM
01109	FWIN ING NOCH CHANNEL KMP AVG Q	0.0	PCT

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

#19

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09/23/92 1130

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PARAMETER

EP FORM 31b

VALUE

** 20

R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	U	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E-01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	U	1.000E+03	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	Α	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	СРМ
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	Α	3.500E+01	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Α	3.500E+01	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

E - ENTERED VALUE

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

HAN TIME OF INFORMATION: 1130

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					DADAMETED	<u> </u>			DEMARKO
PARAALIEK	0	S	os	REMARKS			<u> </u>	US.	KEMAKKS
Reactor Coolant Pumps #31 1		×			Serv. Water Prips. #51 5A	<u> </u>			
#32_4		X			(Essential Header) #32 2A	×	 		
#33 3		X			#33 6A	<u> </u>	<u> </u>	X	
#34 2		X			#34 5A	X			
Emergency D/G's #31 2A		x			#35 3A	X	i		
#32 6A	<u> </u>	x			#36 6A	·	X		
#33 5A		x			RHR Heat Exchangers #31	x			
Offsite Power Avail 138KV	x				#32	x			
13.8KV	x				Comp. Cool Ht. Exch #31	x			
SIS Pumps #31 5A			x		#32	x			
#32 2A			x		Hydrogen Recombiner #31 5A		x		
#33 6A	1		x		#32 6A		x		
RHR Pumps #31 3A	x				VC Isolation				
477 4A	 		-		(Phase A or B valves which				
Horizo di Cal	<u> </u>				(Phase A Of B Valves witch				
	ļ				position)				
#32 6A	<u> </u>	x							
Aux. Blr. Feed Pumps #31 3A	x				· · · · · · · · · · · · · · · · · · · ·				
#32	x								
#33 6A		ļ	x		High Head SI Flow #31(GPM)	0			
			v		#32(GPN)	0			
472 24			Ê		#77/CDM)				
#JC ZA	<u> </u>				#33(GPH)				
					#34(GPM)				
#34_3A		 			LOW Head SI FLOW #SI(GPM)	0			
AD CC#		I	X		#32(GPM)				
Cont. Spray Pumps #31 5A		×	ļ		#55(GPM)				
#32 6A		X			#34(GPM)	0			
Charging Pumps #31 5A	<u>×</u>	┣──	 		Accum. Level #31 (%)	0			
#32 3A	×				#32 (%)	0			<u>,</u>
#33 6A			X		#33 (%)	0			
Component Cool. Pumps #31 5A	x				#34 (%)	0			
#32 2A	x				Gas Turbines GT-1		x		
#33. 64	1		x		(Call Con Edison) GT-2		x		
Aux, Comp. Cool Pumos #31 54	×	<u> </u>	<u> </u>		r-3	<u> </u>	, Y		
472 4A	1-	<u> </u>				<u> </u>			
#32 DA	†		^	· · · · · · · · · · · · · · · · · · ·	Appendix /B/ D/C	<u> </u>			
#34 6A	1	<u> </u>	X	L		L		لـــــا	

Date: 9/23/92

<u>Time: 1145</u>

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 20

ISSUED TO:	SUMMARY OF MESSAGE	ANTICIPATED RESULTS COMMENTS	EMERG. CLASS
CCR	Plant status per Status Log #20	Plant The increased radiation readings on R25/26 (VC High Range Radiation Monitors) confirms the existence of fuel damage.	GE
		Efforts will continue to restore bus 6A to service.	
		A General Emergency should be declared within 15 minutes due to a "Known LOCA with failure of the ECCS to perform" (EAL I.A.4.c)	

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DATE: 9/23/92

" <u>TIME: 1145</u>

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 20

Plant status per Plant Status Log #20

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- THIS IS A DRILL -

#20

EP FORM 31a

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INDIAN POINT UNIT 309/23/92EMERGENCY PLANT STATUS REPORT.........

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PARAMETER

VALUE

U1170	INCORE T/C TIME AVG VALUE		1980	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C		2020	DEG F
U0484	RCL AVG TAVG		615	DEG F
U0486	RCL HOT AVG T		700	DEG F
PT-402	RCS PRESSURE - LOOP 1		430	PSIG
PT-403	RCS PRESSURE - LOOP 4		430	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN		· 0	DEG F
TMARCETA	CET TEMP SAT MAR		Ő	DEG F
S498AD	RCP #31 STATUS		OFF	
S498BD	RCP #32 STATUS	•1	OFF	
S498CD	RCP #33 STATUS		OFF	
S498DD	RCP #34 STATUS		OFF	
U0483	PRESSURIZER LEVEL 1/2/3 AVG		0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW		99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL		58.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL		56.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL		56.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	•	56.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG		710.0	PSTG
U0434	STM GEN B STM P 1/2/3 AVG		710.0	PSTG
U0454	STM GEN C STM P 1/2/3 AVG		710.0	PSTG
U0474	STM GEN D STM P 1/2/3 AVG		710.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG		15.3	PSIG
FT1200	AUX FD FLOW TO SG #31		150.0	GPM
FT1201	AUX FD FLOW TO SG #32		150.0	CPM
FT1202	AUX FD FLOW TO SG #33		150.0	GPM
FT1203	AUX FD FLOW TO SG #34		150.0	CPM
LT1128	CONDENSATE STORAGE TANK LEVEL		23 0	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL		23.0	ት ት ምጥ
TC-1416	CONTAINMENT AVG TEMPERATURE		125.0	DFC F
LT-1255	CONTAINMENT SUMP LEVEL		46.8	FT FT
LT-1256	CONTAINMENT SUMP LEVEL		46.8	א + דיד
LT-1251	RECIRCULATION SUMP LEVEL		46.8	ድጥ ጉጥ
LT-1252	RECIRCULATION SUMP LEVEL		46.8	ru Fu
LT-920	RWST LEVEL		35.7	* * FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL		84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION		0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION		0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE		0.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE		0.0	PCT
LR001A	RVLIS FULL RANGE		36.0	PCT
LR001B	RVLIS FULL RANGE		36.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1	.000-11	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	1	.000-11	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	-	0.0	DECPM
N-31	SOURCE RANGE DETECTOR		90.0	CPS
N-32	SOURCE RANGE DETECTOR		90.0	CPS
KSSUR	SOURCE RANGE START-UP RATE		0.0	DECOM
U1169	PWR RNG NUCL CHANNEL RMP AVG O		0.0	DECEM
			0.0	LOI

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

#20

EP FORM 31b

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09/23/92 1145

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PARAMETER

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VALUE

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R01	CONTROL ROOM RAD		Ο.	000	E+00	MR/HR
R02	AREA 2 RADIATION	U	1.	000	E+03	MR/HR
R04	CHARGING PUMP ROOM		1.	000	E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.	000	E+00	MR/HR
R06	SAMPLE ROOM RAD		6.	000	E-01	MR/HR
R07	IN CORE INS ROOM RAD	U	1.	000	E+03	MR/HR
R08	DRUMMING STATION RAD		8.	000	E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		0.	000	E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	8.	370	E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	A	1.	0 0	E-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.	000	E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.	500	E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.	700	E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.	000	E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.	000	E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.	000	E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.	000	E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.	000	E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.0	000	E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.	000	E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	A	8.	500	E+02	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Α	8.	500	E+02	R/HR
R27	PLANT VENT RADIATION		7.	700	E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		(60.0	0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.3	100	E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.3	3001	E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.0	000	E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.0	000	E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.	100	E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.	1001	E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.	100	E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.	000	E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.0	000	E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.0	000	E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.0	0001	E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.0	0001	E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.0	0001	E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.0	0001	E-01	MR/HR
	A - IN ALARM	х –	OUT	OF	ALARM	CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT	OF	SCAN	
	E - ENTERED VALUE					

- - DRILL INFORMATION ONLY -

EP-FORM #31c

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IP-3 PLANT STATUS LOG DATE: 9/23/92

10 <u>TIME OF INFORMATION: 1145</u>

PARMETER 0 5 05 05 PARMETER Resctor Coolant Pupps #31 X Serv. Mater Pups. #31 5A X Image: Coolant Pupps											
PARAMETER O S OS REMARCS PARAMETER O S OS REMARCS Reactor Coolant Pumps #31 1 X Sarry, Mater Pmps, #31 5A X </td <td></td>											
Resctor Coolant Pumps #31 1 X Serv. Hater Pumps. #31 5A X Image: Mail of the second se		PARAMETER	0	S	OS	REMARKS	PARAMETER	0	s	os	REMARKS
#52 4 X (Essential Header) #32 2A X X #33 3 X ////////////////////////////////////		Reactor Coolant Pumps #31_1		x			Serv. Water Pmps. #31 5A	x			
#33 3 x #33 6A x #34 2 x #34 5A x #34 2 x #35 5A x #35 5A x #35 5A x #35 5A x #35 5A x #35 5A x #35 5A x #35 5A x #35 5A x #35 5A x #35 5A x #35 5A x #35 5A x #35 6A x #35 6A x #35 6A x #35 6A <td< td=""><td>Γ</td><td>#32 4</td><td></td><td>x</td><td></td><td></td><td>(Essential Header) #32 2A</td><td>x</td><td></td><td></td><td></td></td<>	Γ	#32 4		x			(Essential Header) #32 2A	x			
#34 2 x #34 5A x #35 5A x Emergency D/G's #31 2A x #35 5A x	Γ	#33_3		x	2		#33 6A			x	
Emergency D/G's #51 2A X #65 3A X #52 6A X #36 6A X #36 6A X #53 5A X #86 6A X #36 6A X # #53 5A X #87 4A #36 6A X # # # #51 5A X #	Γ	#34 2		x			#34 5A	x			
#32 6A X #35 6A X #33 5A X #88 Heat Exchangers #31 X Offsite Power Avsil 138KV X #52 X 13.8KV X Comp. Coll Ht. Exch #51 X #52 13.8KV X #52 X #52 13.8KV X #52 X #52 #52 6A X #92 X #52 #53 6A X #52 A X #52 6A X #92 6A X #52 6A X #52 6A X #92 6A X #52 6A X #52 6A X Proper #52 6A X #52 6A X #10 mps #31 5A X Proper #52 6A X #52 6A X #22 6A X Proper #52 6A X #52 6A X #32 6A X Proper #53 6A X #53 6A X #532 6A #532 6A <td></td> <td>Emergency D/G's #31 2A</td> <td></td> <td>x</td> <td></td> <td></td> <td>#35 3A</td> <td>x</td> <td></td> <td></td> <td></td>		Emergency D/G's #31 2A		x			#35 3A	x			
#33 X RHR Heat Exchangers #31 X A Offsite Power Avail 138kV X 2000 20	F	#32 64		x			#36 6A		x		
Offsite Power Avail 138/V X Comp. Cool Ht. Exch #31 X 13.8/V X Comp. Cool Ht. Exch #31 X \$15.Pumps #31 5A X #32 X \$15.Pumps #31 5A X #32 X \$15.Pumps #31 5A X #32 A X \$15.Pumps #31 5A X #32 6A X \$15.A X #32 6A X <td>Γ</td> <td>#33 5A</td> <td></td> <td>x</td> <td></td> <td></td> <td>RHR Heat Exchangers #31</td> <td>x</td> <td></td> <td></td> <td></td>	Γ	#33 5A		x			RHR Heat Exchangers #31	x			
13.8KV X Comp. Cool Ht. Exch #31 X S1S Pumps #31 5A X #32 X #32 A X Hydrogen Recombiner #31 5A X X #33 6A X Hydrogen Recombiner #31 5A X X #33 6A X Hydrogen Recombiner #31 5A X X #32 6A X Hydrogen Recombiner #31 5A X X #32 6A X Chase A or 8 valves which X Recirc Pumps #31 5A X Poper Poper #32 6A X Poper Position X #33 6A X Poper Position X #33 6A X Poper Position Poper #33 6A X		Offsite Power Avail 138KV	x				#32	x			
S1S Pumps #51 5A X #32 X #52 2A X Hydrogen Recombiner #51 5A X # #53 6A X # # # # # #53 6A X # # # # # # #51 5A X #		13.8KV	x				Comp. Cool Ht. Exch #31	x			
#52 2A X Hydrogen Recombiner #31 5A X #53 6A X #32 6A X #72 6A X YC Isolation		SIS Pumps #315A			X		#32	x			
#33 6A X #32 6A X RRR Pumps #31 3A X VC Isolation		#32 2A			x		Hydrogen Recombiner #31 5A		x		
RR Pumps #31 3A X VC Isolation #32 6A X (Phase A or B valves which Recirc Pumps #31 5A X are not in proper position) #32 6A X are not in proper position)		#33 6A			x		#32 6A		x		
#32 6A X (Phase A or B valves which are not in proper position) #32 6A X are not in proper position) #32 6A X #33 6A X #34 75 X #35 6A X #34 3A X #35 6A X <		RHR Pumps #31 3A	x				VC Isolation				
Recirc Pumps #31 5A X are not in proper position) #32 6A X		#32 6A			x		(Phase A or B valves which				
#32 6A X X Aux. Blr. Feed Pumps #31 3A X #32 X High Head SI Flow #31(GPH) 0 #33 6A X High Head SI Flow #31(GPH) 0 #33 6A X #33(GPH) 0 #32 2A X #33(GPH) 0 #33 5A X #33(GPH) 0 #34 3A X Low Head SI Flow #31(GPH) 0 #35 6A X #33(GPH) 0 #35 6A		Recirc Pumps #315A		x			are not in proper position)				
Aux. Blr. Feed Pumps #31 3A X		#32 6A		x							
#32 X X High Head SI Flow #31(GPH) 0 #33 6A X High Head SI Flow #31(GPH) 0		Aux. Blr. Feed Pumps #31 3A	x								
#33 6A X High Head SI Flow #31(GPH) 0 Fan Cooler Units #31 5A X #32(GPH) 0 #32 2A X #33(GPH) 0 #33 5A X #33(GPH) 0 #34 3A X #34(GPH) 0 #34 3A X #34(GPH) 0 #35 6A X #31(GPH) 0 #35 6A X #32(GPH) 0 Cont. Spray Pumps #31 5A X #33(GPH) 0 #32 6A X #34(GPH) 0 formation #32 6A X #34(GPH) 0 formation #32 6A X #34(GPH) 0 formation #32 6A X #33(GPH) 0 formation #		#32	x								
Fan Cooler Units #31 5A X #32(GPH) 0 #32 2A X #33(GPH) 0 #33 5A X #34(GPH) 0 #33 5A X Low Head SI Flow #34(GPH) 0 #34 3A X Low Head SI Flow #31(GPH) 0 #35 6A X #32(GPH) 0	Γ	#33 6A			x		High Head SI Flow #31(GPM)	0			,
#32 2A X ////////////////////////////////////		Fan Cooler Units #31 5A			x		#32(GPN)	0			
#33 5A X ////////////////////////////////////		#32 24	x				#33(GPM)	0			
#34 3A X Low Head SI Flow #31(GPM) 0 #35 6A X #32(GPM) 0 Cont. Spray Pumps #31 5A X #33(GPM) 0 #32 6A X #33(GPM) 0	Γ	#33 5A	x				#34(GPM)	0			· · · ·
#35 6A X #32 (GPH) 0 Cont. Spray Pumps #31 5A X #33 (GPH) 0 #32 6A X #33 (GPH) 0 #32 6A X #34 (GPH) 0 Charging Pumps #31 5A X #34 (GPH) 0 Charging Pumps #31 5A X Accum. Level #31 (X) 0 #32 3A X #32 (X) 0 #33 6A X #33 (X) 0 Component Cool. Pumps #31 5A X #34 (X) 0 #32 2A X Gas Turbines GT-1 X #33 6A X X		#34 3A	x				Low Head SI Flow #31(GPM)	0			
Cont. Spray Pumps #31 5A X #33 (GPM) 0 #32 6A X #34 (GPM) 0 #32 6A X #34 (GPM) 0 Charging Pumps #31 5A X Accum. Level #31 (X) 0 #32 3A X Accum. Level #31 (X) 0	Γ	#35 6A			x		#32(GPM)	0			
#32 6A X #34 (GPM) 0 Charging Pumps #31 5A X Accum. Level #31 (X) 0 #32 3A X Accum. Level #31 (X) 0 #32 3A X #32 (X) 0 #33 6A X #33 (X) 0 #33 6A X #33 (X) 0 Component Cool. Pumps #31 5A X Gas Turbines GT-1 X #32 2A X Gas Turbines GT-1 X X		Cont. Sprav Pumps #31 5A		x			#33(GPM)	0	:		
Charging Pumps #31 5A X Accum. Level #31 (%) 0 #32 3A X #32 (%) 0 #32 (%) 0 #33 6A X #33 (%) 0 #33 (%) 0 Component Cool. Pumps #31 5A X #34 (%) 0 #34 (%) 0 #32 2A X Gas Turbines GT-1 X X	Γ	#32 6A		x			#34(GPM)	0			
#32 3A X #32 (X) 0 #33 6A X #33 (X) 0 Component Cool. Pumps #31 5A X #34 (X) 0 #32 2A X Gas Turbines GT-1 X #33 6A Y Gas Turbines GT-1 X		Charging Pumps #31 5A	x				Accum. Level #31 (%)	0			
#33 6A X #33 (%) 0 Component Cool. Pumps #31 5A X #34 (%) 0 #32 2A X Gas Turbines GT-1 X #33 6A Y Gas Turbines GT-1 Y		#32 3A	x				#32 (%)	0			
Component Cool. Pumps #31 5A X #34 (%) 0 #32 2A X Gas Turbines GT-1 X #33 4A Y Gas Turbines GT-1 X		#33 6A			x		#33 (%)	0			
#32 2A X Gas Turbines GT-1 X		Component Cool. Pumps #31 5A	x				#34 (%)	0			
		#32 2A	x				Gas Turbines GT-1		x		-
		#33 6A			x		(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A X GT-3 X		Aux. Comp. Cool Pumps #31 5A	x				GT-3		x		
#32 6A X		#32 6A			x						
		#33 5A	x				Appendix 'R' D/G		x		
#33.5A X Appendix 'R' D/G X		#34 6A			x						

IP-3 EMERGENCY PLANNING EXERCISE.

Date: 9/23/92

Time: 1200

21

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 21

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG
TO:	Message	COMMENTS	CLASS
CCR	Plant status per Plant Status Log #21	EOPs continue.	GE

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

1

TIME: 1200

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 21

Plant status per Plant Status Log #21

- THIS IS A DRILL -

EP FORM 31a

09/23/92 21200 INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT ** PARAMETER VALUE INCORE T/C TIME AVG VALUE
 1920
 DEG F

 2000
 DEG F

 615
 DEG F

 700
 DEG F
 U1170 INST VALUE OF HOTTEST INCORE T/C U0090 U0484 RCL AVG TAVG U0486 RCL HOT AVG T PT-402 RCS PRESSURE - LOOP 1 408 PSIG 408 PSIG 408 PSIG 0 DEG F 0 DEG F PT-403 RCS PRESSURE - LOOP 4 KHTMARCS LOWEST RCS TEMP SAT MARGIN TMARCETA CET TEMP SAT MAR

S498AD	RCP #31 STATUS	. OFF	
S498BD	RCP #32 STATUS	OFF	
S498CD	RCP #33 STATUS	OFF	
S498DD	RCP #34 STATUS	OFF	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	54.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	54.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	54.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	54.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	685.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	685.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	685.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	685.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG	14.7	PSIG
FT1200	AUX FD FLOW TO SG #31	100.0	GPM
FT1201	AUX FD FLOW TO SG #32	100.0	GPM
FT1202	AUX FD FLOW TO SG #33	100.0	GPM
FT1203	AUX FD FLOW TO SG #34	100.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	22.7	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	22.7	FT
TC-1416	CONTAINMENT AVG TEMPERATURE	123.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1256	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1251	RECIRCULATION SUMP LEVEL	46.8	FT
LT-1252	RECIRCULATION SUMP LEVEL	46.8	FT
LT-920	RWST LEVEL	35.7	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR001A	RVLIS FULL RANGE	20.0	PCT
LR001B	RVLIS FULL RANGE	20.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	90.0	CPS
N-32	SOURCE RANGE DETECTOR	90.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG Q	0.0	PCT
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#21

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EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1200

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PARAMETER

VALUE	

R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	U	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		2.000E+01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	U	1.000E+03	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD	A	8.000E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	A	8.000E+03	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Α	8.000E+03	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR		4.000E+00	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	х –	OUT OF ALARI	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

E - ENTERED VALUE

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

#21 <u>TIME OF INFORMATION: 1200</u>

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						· · · · · · · · · · · · · · · · · · ·				
	PARAMETER	0	s	os	REMARKS	PARAMETER	0	s	os	REMARKS
	Reactor Coolant Pumps #31 1		x			Serv. Water Pmps. #31 5A	×			
	#32 4		x			(Essential Header) #32 2A	x			
	#33_3		x			#33 6A			x	
	#34 2		x			#34 5A	x			
	Emergency D/G's #31 2A		x			#35 3A	x			
	#32 6A		x			#36 6A		x		
ĺ	#33 5A		x			RHR Heat Exchangers #31	x			
	Offsite Power Avail 138KV	x				#32	x			
	13.8KV	x				Comp. Cool Ht. Exch #31	x			
	SIS Pumps #31 5A			x		#32	x			
	#32 2A		1	x		Hydrogen Recombiner #31 5A		x		
	#33 6A			x		#32 64		x		
	RHR Pumps #31 3A	x				VC Isolation				
	#32.64		†	x		(Phase A or B valves which				
	Recirc Pumps #31 5A	1	x			are not in proper				
						position)				
	Aux Rin Food Dumos #31 34								<u> </u>	
1	427	1 Û								
	#32			v						
						High Head SI Flow #31(GPM)	0			
	Fan Cooler Units #31 5A			X		#52(GPM)	0			
	#32 2A	x				#33(GPM)	0			
	#33 5A	x	 			#34(GPM)	0			
	#34 3A	x				Low Head SI Flow #31(GPM)	0			
	#35 6A			X		#32(GPM)	0			
	Cont. Spray Pumps #31 5A	<u> </u>	x			#33(GPM)	0			
	#32 6A		×			#34(GPM)	0			
	Charging Pumps #31 5A	x				Accum. Level #31 (%)	0			
	#32 3A	×	 			#32 (%)	0			
	#33 6A			x		#33 (%)	0			
	Component Cool. Pumps #31 5A	x				#34 (%)	0			
	#3 2 2A	x				Gas Turbines GT-1		x		
	#33_6A			x		(Call Con Edison) GT-2		x		
	Aux. Comp. Cool Pumps #31 5A	x				GT-3		x		
	#32_6A			x						
	#33 5A	x				Appendix 'R' D/G		x		
	#34 6A			x						

<u>IP-3 EMERGENCY PLANNING EXERCISE</u>,

Date: 9/23/92

Time: 1215

42

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 22

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
TO:	MESSAGE	COMMENTS	CLASS
CCR	Plant status per Plant Status Log #22	Efforts to restore bus 6A continue.	GE

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

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DATE: 9/23/92

TIME: 1215

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 22

Plant status per Plant Status Log #22

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- THIS IS A DRILL -

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EP FORM 31a

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT "

#22

09/23/92 _ 1215 .

·	PARAMETER	VALUE	2
U1170	INCORE T/C TIME AVG VALUE	1960	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	2010	DEG F
U0484	RCL AVG TAVG	615	DEG F
U0486	RCL HOT AVG T	700	DEG F
PT-402	RCS PRESSURE - LOOP 1	370	PSIG
PT-403	RCS PRESSURE - LOOP 4	370	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	0	DEG F
TMARCETA	CET TEMP SAT MAR	0	DEG F
S498AD	RCP #31 STATUS	OFF	
S498BD	RCP #32 STATUS	OFF	
S498CD	RCP #33 STATUS	OFF	
S498DD	RCP #34 STATUS	OFF	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	59.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	59.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	59.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	59.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	630.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	630.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	630.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	630.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG	14.2	PSIG
FT1200	AUX FD FLOW TO SG #31	100.0	GPM
FT1201	AUX FD FLOW TO SG #32	100.0	GPM
FT1202	AUX FD FLOW TO SG #33	100.0	GPM
FT1203	AUX FD FLOW TO SG #34	100.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	22.4	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	22.4	FT
TC-1416	CONTAINMENT AVG TEMPERATURE	123.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1256	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1251	RECIRCULATION SUMP LEVEL	46.8	FT
LT-1252	RECIRCULATION SUMP LEVEL	46.8	FT
L1-920	RWST LEVEL	35.7	FT
	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LP0023	DUITS DUNAMIC HEAD DANCE	0.0	PCT
LPOO2R	RVLIS DINAMIC HEAD RANGE	0.0	PCT
	RVDIS DINAMIC MEAD RANGE	0.0	PCT
LROOIR	RVLIS FULL DANCE	19.0	PCT
N-35	TNTEDMEDIATE DANCE DETECTOD	19.0	PCT
N-36	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
KTSIID	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
N=31	INIERMEDIATE KANGE START-UP KATE	0.0	DECPM
	SOURCE RANGE DETECTOR	90.0	CPS
KSSIID	SOURCE RANGE DETECTOR	90.0	CPS
111160	DURCE RANGE DIART-UP RATE	0.0	DECPM
01103	FWR RIVG NUCL CHANNEL RMP AVG Q	0.0	PCT



EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1215

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PARAMETER

VALUE

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R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	U	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		3.000E+01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	U	1.000E+03	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD	A	1.000E+01	R/HR
R11	CNMT AIR PARTICLE RADIATION	Α	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	Α	1.250E+04	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	A	1.250E+04	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR	_	3.000E+00	MR/HR
KOY DZO	PIPE PEN 54 FT AREA MONITOR	A	1.300E+03	MR/HR
K/U	FAN HOUSE // FT AREA MONITOR		1.000E-01	MR/HR
	λ - ΤΝ ΑΓΑΡΜ	v		
	A - IN ALARM	х –	OUT OF ALAR	M CHECKIN

U - UNAVAILABLE OR OUT-OF-RANGE S - OUT OF SCAN

NG

E - ENTERED VALUE



EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

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#22

TIME OF INFORMATION: 1215

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PARAMETER			05	PENADYS			6	00	DEMARKS
Reactor Coolant Pumps #31 1	Ť	X		REIMARS	Sarv Water Proc #31.54			05	REMARKS
#32.4		x			(Essential Header) #32 24	† ,	<u> </u>		
#33.3		Ŷ	1		473 4A	\uparrow		v	
#35.5		Ŷ			#33 OA				
					#35 3A	<u>↓</u>			
Emergency D/G's #31 2A		X	<u> </u>	,	*3) SA	<u>†</u>	ļ	ļ	
#52 64		X			#36 6A		×		
		<u>×</u>			RHR Heat Exchangers #31	×			
UTTSITE POWER AVAIL 158KV	<u>×</u>	<u> </u>			#32	×	<u> </u>		
15.8KV	X				Comp. Cool Ht. Exch #31	×			
SIS Pumps #31 5A			X		#32	×	ļ		
#32 2A		· · · · ·	X		Hydrogen Recombiner #31 5A	<u> </u>	x		
#33 6A			X		#32 6A		X		
RHR Pumps #31 3A	X				VC Isolation				
#32 6A			x		(Phase A or B valves which				
Recirc Pumps #31 5A		x			are not in proper position)				
#32 6A		x				1			
Aux. Bir. Feed Pumps #31 3A	x							-	
#32	x								
#33 6A			x		High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A			x		#32(GPM)	0			
#32 2A	x				#33(GPM)	0			
#33 5A	x				#34(GPM)	0			
#34 3A	x				Low Head SI Flow #31(GPM)	0			
#35 6A			x		#32(GPM)	0			
Cont. Spray Pumps #31 54		x			#33(GPM)	0			
#32 6A		x			#34(CDM)	0			
Charging Pumps #31 5A	x				Accum. Level #31 (%)	0			
#32 3A	x				#32 (%)	0			
#33 6A			x	· · · · · · · · · · · · · · · · · · ·	#33 (%)	0			
Component Cool. Pumps #31 5A	x				#34 (%)	0			
#32 2A	x				Gas Turbines GT-1		x		
#33 6A			_x		(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A	x				GT-3		x		
#32 6A			x						
#33 5A	x				Appendix 'R' D/G		x		
#3/ 64			x						

IP-3 EMERGENCY PLANNING EXERCISE.

Date: 9/23/92

Time: 1230

11

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 23

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
TO:	MESSAGE	COMMENTS	CLASS
CCR	Plant status per Plant Status Log #23.	CET's are in excess of 700°F with RVLIS Full range <39%. EOPs continue.	GE

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY
TIME: 1230

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 23

Plant status per Plant Status Log #23

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EP FORM 31a

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT 09/23/92 , 1230 •

PARAMETER

VALUE

U1170	INCORE T/C TIME AVG VALUE	1950	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	1980	DEG F
U0484	RCL AVG TAVG	615	DEG F
U0486	RCL HOT AVG T	700	DEG F
PT-402	RCS PRESSURE - LOOP 1	340	PSIG
PT-403	RCS PRESSURE - LOOP 4	340	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	0	DEG F
TMARCETA	CET TEMP SAT MAR	0	DEG F
S498AD	RCP #31 STATUS	OFF	
S498BD	RCP #32 STATUS	OFF	
S498CD	RCP #33 STATUS	OFF	
S498DD	RCP #34 STATUS	OFF	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	53.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	53.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	53.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	53.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	600.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	600.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	600.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	600.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG	13.6	PSIG
FT1200	AUX FD FLOW TO SG #31	100.0	GPM
FT1201	AUX FD FLOW TO SG #32	100.0	GPM
FT1202	AUX FD FLOW TO SG #33	100.0	GPM
FT1203	AUX FD FLOW TO SG #34	100.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	22.0	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	22.0	FT
TC-1416	CONTAINMENT AVG TEMPERATURE	122.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1256	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1251	RECIRCULATION SUMP LEVEL	46.8	FT
LT-1252	RECIRCULATION SUMP LEVEL	46.8	FT
LT-920	RWST LEVEL	35.7	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR001A	RVLIS FULL RANGE	19.0	PCT
LR001B	RVLIS FULL RANGE	19.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	90.0	CPS
N-32	SOURCE RANGE DETECTOR	90.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG Q	0.0	PCT

- DRILL INFORMATION ONLY -

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EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1230

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PARAMETER

E - ENTERED VALUE

VALUE

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R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	U	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		4.500E+01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	U	1.000E+03	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD	A	1.500E+01	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	A	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	Α	1.750E+04	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Α	1.750E+04	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR	Α	1.700E+03	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

EP-FORM #31c

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IP-3 PLANT STATUS LOG DATE: 9/23/92

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#23 TIME OF INFORMATION: 1230

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PARAMETER	0	s	os	REMARKS	PARAMETER	0	s	os	REMARKS
Reactor Coolant Pumps #31 1		x			Serv. Water Pmps. #31 5A	x			
#32 4		x			(Essential Header) #32 2A	x			
#33 3		x			#33 6A			x	
#34 2		x			#34 5A	x			
Emergency D/G/s #31.24		Y			#35 3A	x			
#32 64	1	x			#36 64		x		
#33 54		x		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	RHR Heat Exchangers #31	x		_	
Offsite Power Avail 138KV	x				#32	x			
13.8KV	x				Comp. Cool Ht. Exch #31	×			
					#32	x			
SIS Pumps #51 5A	+				Hudroson Peserbinon #31 54				
#32 24					Hydrogen kecomother #31 5A				
#55 DA	<u> </u>		×		#32 DA	1			
RHR Pumps #31 3A	×	ļ			VC Isolation				
#32 6A		 	x		(Phase A or B valves which				
Recirc Pumps #31 5A		×			are not in proper position)	ļ			-
#32_6A		x							
Aux. Blr. Feed Pumps #31 3A	x								
#32	x	ļ							
#33 6A			x		High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A			x		#32(GPM)	0			
#32_2A	x				#33(GPN)	0			
#33 5A	x				#34(GPM)	0			
#34 3A	x				Low Head SI Flow #31(GPM)	0			
#35 6A			x		#32(GPM)	0			
Cont. Sprav Pumps #31 5A		x			#33(GPM)	0			
#32 6A	1	x			#34(GPM)	0			
Charging Pumps #31 5A	x	[Accum. Level #31 (%)	0			
#32 3A	x				#32 (%)	0			
#33 6A	1		x		#33 (%)	0			
Component Cool. Pumps #31 5A	x				#34 (%)	0			
#32 2A	x				Gas Turbines GT-1		x		
#33 6A			x		(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A	x				GT+3		x		
#32 6A			x						
#33 5A	x				Appendix 'R' D/G		x		
#34 6A			x						

<u>IP-3 EMERGENCY PLANNING EXERCISE</u>

Date: 9/23/92

<u>Time: 1245</u>

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 24

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG
CCR	Plant status per Plant Status Log #24	Efforts to restore bus 6A are underway.	GE

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

TIME: 1245

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 24

Plant status per Plant Status Log #24

EP FORM 31a

#29

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PARAMETER

VALUE

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U1170	INCORE T/C TIME AVG VALUE	2005	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	2040	DEG F
U0484	RCL AVG TAVG	615	DEG F
U0486	RCL HOT AVG T	700	DEG F
PT-402	RCS PRESSURE - LOOP 1	305	PSTG
PT-403	RCS PRESSURE - LOOP 4	305	PSTG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	0	DEG F
TMARCETA	CET TEMP SAT MAR	Ő	DEG F
S498AD	RCP #31 STATUS	OFF	220 1
S498BD	RCP #32 STATUS	OFF	
S498CD	RCP #33 STATUS	OFF	
S498DD	RCP #34 STATUS	OFF	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	58.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	58.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	58.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	58.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	540.0	PSTG
U0434	STM GEN B STM P 1/2/3 AVG	540.0	PSTG
U0454	STM GEN C STM P 1/2/3 AVG	540.0	PSTG
U0474	STM GEN D STM P 1/2/3 AVG	540.0	PSTG
U1000	CONTAINMENT P 1/2/3 AVG	12.2	PSTG
FT1200	AUX FD FLOW TO SG #31	100.0	GPM
FT1201	AUX FD FLOW TO SG #32	100.0	GPM
FT1202	AUX FD FLOW TO SG #33	100.0	GPM
FT1203	AUX FD FLOW TO SG #34	100.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	21.8	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	21.8	FT
TC-1416	CONTAINMENT AVG TEMPERATURE	121.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1256	CONTAINMENT SUMP LEVEL	46.8	 ፑጥ
LT-1251	RECIRCULATION SUMP LEVEL	46.8	FT
LT-1252	RECIRCULATION SUMP LEVEL	46.8	*
LT-920	RWST LEVEL	35.7	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR001A	RVLIS FULL RANGE	18.0	PCT
LR001B	RVLIS FULL RANGE	18.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	90.0	CPS
N-32	SOURCE RANGE DETECTOR	90.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECDM
U1169	PWR RNG NUCL CHANNEL RMP AVG O	0.0	PCT
		V - 17	



EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

#

09/23/92 1245

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PARAMETER

E - ENTERED VALUE

VALUE

R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	U	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		5.000E+01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	U	1.000E+03	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD	A	2.000E+01	R/HR
R11	CNMT AIR PARTICLE RADIATION	Α	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	А	2.080E+04	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	A	2.080E+04	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	uci/cc
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR	Α	2.000E+03	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR		1.000E-01	MR/HR
	A - IN ALARM	x -	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

#24 <u>TIME OF INFORMATION: 1245</u>

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								-	
PARAMETER	0	s	os	REMARKS	PARAMETER	0	s	os	REMARKS
Reactor Coolant Pumps #31 1		x			Serv. Water Pmps. #31 5A	x			
#32 4		x			(Essential Header) #32 2A	x			
#33 3		x	r.		#33 6A			x	
#34 2		x			#34 5A	x			
Emergency D/G's #31 2A		x			#35 3A	x			
#32 6A	1	x		· · · · · · · · · · · · · · · · · · ·	#36 6A		x		
#33 5A		x			RHR Heat Exchangers #31	x			
Offsite Power Avail 138KV	x				#32	x			
13.8KV	x		1		Comp. Cool Ht. Exch #31	x			
SIS Pumpe dist Sa			Y		#32	x			
#32 24	<u> </u>		Ŷ		Hydrogen Recombiner #31 54		x		
#33 6A			x		#32 6A		x		
RHR PLINDS #31 3A	x	1							
				· · · · · · · · · · · · · · · · · · ·	VC Isolation				
#32 DA			×		(Phase A or B valves which				
					position)				
#32 6A	<u> </u>	x							
Aux. Bir. Feed Pumps #31 3A	x								
#32	x								
#33 6A			x		High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A			x		#32(GPM)	0			
#32 2A	×				#33(GPM)	0			
#33 5A	x				#34(GPM)	0			
#34 3A	x				Low Head SI Flow #31(GPM)	0			
#35 6A			x		#32(GPM)	0			
Cont. Sprav Pumos #31 54		Y			#33(GPM)	0			
#32 64	†	x			#34 (CDM)	0			
Charging Pumps #31 5A	x				Accum. Level #31 (%)	0			
#32 3A	x				#32 (%)	0			
#33 6A			x		#33 (2)	0			
Component Cool Dumo 474 EA	,				#34 (2)	0		·	
ATO SA									
#32 ZA	^				Gas Turbines GT-1		X		
#33 6A			X		(Call Con Edison) GT-2		X		
Aux. Comp. Cool Pumps #31 5A	X				GT-3		X		
#32_6A			X						
#33 5A	X				Appendix 'R' D/G	ļ	X		
#34 6A			x						

<u>IP-3 EMERGENCY PLANNING EXERCISE</u>,

Date: 9/23/92

Time: 1300

22

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 25

ISSUED TO:	SUMMARY OF MESSAGE	ANTICIPATED RESULTS COMMENTS	EMERG. CLASS
CCR	Plant status per Plant Status Log #25	Preparations should commence to investigate the source of leakage by a repair and	GE
	Process Monitor High Radiation - Alarm (R-14) R-27, Plant Eff. alarm (Bantam-11)	corrective action team dispatched from the OSC.	
	(Bantam-11)		



NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

TIME: 1300

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 25

Plant status per Plant Status Log #25

Process Monitor High Rad alarm (Panel SCF) - R-14 R-27, Plant Effluent - Alarm (Bantam-11)

EP FORM 31a

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

#25

09/23/92 2 1300 •

PARAMETER

VALUE

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U1170	INCORE T/C TIME AVG VALUE		2025	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C		2040	DEG F
U0484	RCL AVG TAVG		615	DEG F
U0486	RCL HOT AVG T		700	DEG F
PT-402	RCS PRESSURE - LOOP 1		305	PSIG
PT-403	RCS PRESSURE - LOOP 4		305	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN		• 0	DEG F
TMARCETA	CET TEMP SAT MAR		0	DEG F
S498AD	RCP #31 STATUS		OFF	
S498BD	RCP #32 STATUS		OFF	
S498CD	RCP #33 STATUS		OFF	
S498DD	RCP #34 STATUS		OFF	
U0483	PRESSURIZER LEVEL 1/2/3 AVG		0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW		99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL		56.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL		55.6	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL		56.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL		56.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG		540.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG		540.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG		540.0	PSTG
U0474	STM GEN D STM P $1/2/3$ AVG		540.0	PSTG
U1000	CONTAINMENT P 1/2/3 AVG		11.5	PSTG
FT1200	AUX FD FLOW TO SG $#31$		100.0	GPM
FT1201	AUX FD FLOW TO SG $#32$		100.0	GPM
FT1202	AUX FD FLOW TO SG #33		100.0	GPM
FT1203	AUX FD FLOW TO SG #34		100.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL		21.6	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL		21.6	FT
TC-1416	CONTAINMENT AVG TEMPERATURE		121.0	DEG E
LT-1255	CONTAINMENT SUMP LEVEL		46.8	FT FT
LT-1256	CONTAINMENT SUMP LEVEL		46.8	ት ት ፑጥ
LT-1251	RECIRCULATION SUMP LEVEL		46.8	ጉጉ ጉጥ
LT-1252	RECIRCULATION SUMP LEVEL	• .	46.8	ት ት ፑጥ
LT-920	RWST LEVEL		35.7	ድጥ ጉጥ
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL		84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION		0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION		0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE		0.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE		0.0	PCT
LR001A	RVLIS FULL RANGE		18.0	PCT
LR001B	RVLIS FULL RANGE		18.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR		1.000-11	AMPS
N-36	INTERMEDIATE RANGE DETECTOR		1.000 - 11	AMPS
KISUR	INTERMEDIATE RANGE START-UP PATE			DECOM
N-31	SOURCE RANGE DETECTOR		an n	CDC
N-32	SOURCE RANGE DETECTOR		90.0 00 0	CDC
KSSUR	SOURCE RANGE START-UP PATE		50.0	UL9 Meudm
U1169	PWR RNG NUCL CHANNEL DWD AVG O		0.0	DECEN
01109	THE MUCH CHANNED REF AVE Q		0.0	PUT



EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1300

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PARAMETER

E - ENTERED VALUE

VALUE

R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	U	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		5.000E+01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	U	1.000E+03	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD	A	2.000E+01	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Â	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD	U	1.000E+06	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	Α	2.080E+04	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Α	2.080E+04	R/HR
R27	PLANT VENT RADIATION	A	6.720E+08	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR	A	2.000E+01	MR/HR
R65	PAB 73 FT AREA MONITOR		4.000E+00	MR/HR
R66	PAB 34 FT AREA MONITOR		4.000E+00	MR/HR
R67	PAB 41 FT AREA MONITOR	A	1.000E+02	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR	А	1.000E+04	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR	A	6.300E+03	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

EP-FORM #31c

<u>IP-3 PLANT STATUS LOG</u> <u>DATE: 9/23/92</u>

#25

TIME OF INFORMATION: 1300

		- 1						Γ			
					r				r –		
1	PARAMETER		0	S	OS	REMARKS	PARAMETER	0	S	OS	REMARKS
	Reactor Coolant Pumps #31	1		X			Serv. Water Pmps. #31 5A	X			
ļ	#32	4		X			(Essential Header) #32_2A	×			
	#33	3		x			#33 6A	 		X	
	#34	2		X			#34 5A	x			
	Emergency D/G's #31	24		x			#35 3A	x			
	#32	6A		x			#36 6A		x		
	#33	5A		x			RHR Heat Exchangers #31	x			
	Offsite Power Avail 138	ĸv	x				#32	x			
	13.	8KV	x				Comp. Cool Ht. Exch #31	x			
	SIC Dumpo #75	E.A.			v		#32	x			
	313 Pumps #31	24		_	x		Hydrogen Recombiner #31 54	<u> </u>	x		
	#32	64			Ŷ	· · · · · · · · · · · · · · · · · · ·	#32 AL	<u> </u>	x		
	RHR Pumpe 4721	34	Y	 	Ê					l	
			^				VC Isolation			·····.	
	#32	6A			X		(Phase A or B valves which				
	Recirc Pumps #31	5A		X			are not in proper position)		-		
	#32	6A		x							
	Aux. Blr. Feed Pumps #31	3A	x								
	#32		x								
	#33	6A			x		High Head SI Flow #31(GPM)	0			
	For Cool on United 474	54			v		#32(GPM)	0			
	ran Looler Units #51	24	v		^		#33/CDN)	0			
	#32	ZA EA					#33(GPH)				
1	*33	AC (X				#34(GPH)				· · · · · -
	#54	SA	X				LOW HEAD SI FLOW #ST(GPM)				
	#35	6A			X		#32(GPM)				
	Cont. Spray Pumps #31	5A		X			#33(GPM)	U			
	#32	6A		. X			#34(GPM)	0			
	Charging Pumps #31	5A	X				Accum. Level #31 (%)	0			
	#32	3A	X		 		#32 (%)	0			
	#33	6A			X		#33 (%)	0			
	Component Cool. Pumps #31	5A	x				#34 (%)	0			
	#32	2A	x				Gas Turbines GT-1		x		
	#33	6A			x		(Call Con Edison) GT-2		x		
	Aux. Comp. Cool Pumps #31	5A	x				GT-3		x		
	#32	6A			x						
	#33	5A	x				Appendix 'R' D/G		x		
	#34	6A			x						
			A	*		·			<u>.</u>		

<u>IP-3 EMERGENCY PLANNING EXERCISE</u>

Date: 9/23/92

Time: 1315

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 26

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
TO:	MESSAGE	COMMENTS	CLASS
CCR	Plant status per Plant Status Log #26	Efforts to identify the source of leakage from the VC continue.	GE

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

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TIME: 1315

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INDIAN POINT NO. 3 SCENARIO

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MESSAGE NUMBER: 26

Plant status per Plant Status Log #26

EP FORM 31a

U1170

U0090

U0486

PT-402

U0484

PARAMETER VALUE INCORE T/C TIME AVG VALUE 2000 2015 INST VALUE OF HOTTEST INCORE T/C RCL AVG TAVG 615 RCL HOT AVG T 700 RCS PRESSURE - LOOP 1 RCS PRESSURE - LOOP 4 295 295

#26

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DEG F

DEG F

DEG F

DEG F

PSIG

PT-403	RCS PRESSURE - LOOP 4	295	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	· 0	DEG F
TMARCETA	CET TEMP SAT MAR	Ō	DEG F
S498AD	RCP #31 STATUS	OFF	
S498BD	RCP #32 STATUS	OFF	
S498CD	RCP #33 STATUS	OFF	
S498DD	RCP #34 STATUS	OFF	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	58.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	58.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	58.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	58.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	510.0	PSTG
U0434	STM GEN B STM P 1/2/3 AVG	510.0	PSTG
U0454	STM GEN C STM P 1/2/3 AVG	510.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	510.0	PSTG
U1000	CONTAINMENT P 1/2/3 AVG	9.5	PSTG
FT1200	AUX FD FLOW TO SG #31	100.0	GPM
FT1201	AUX FD FLOW TO SG #32	100.0	GPM
FT1202	AUX FD FLOW TO SG #33	100.0	GPM
FT1203	AUX FD FLOW TO SG #34	100.0	CPM
LT1128	CONDENSATE STORAGE TANK LEVEL	21 5	ET.
LT1128A	CONDENSATE STORAGE TANK LEVEL	21.5	г I FT
TC-1416	CONTAINMENT AVG TEMPERATURE	121.0	DFG F
LT-1255	CONTAINMENT SUMP LEVEL	46.8	FT FT
LT-1256	CONTAINMENT SUMP LEVEL	46.8	ድጥ የ
LT-1251	RECIRCULATION SUMP LEVEL	46.8	• • ፑጥ
LT-1252	RECIRCULATION SUMP LEVEL	46.8	т FT
LT-920	RWST LEVEL	35.7	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.0	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.0	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR001A	RVLIS FULL RANGE	18.0	PCT
LR001B	RVLIS FULL RANGE	18.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	90.0	CPS
N-32	SOURCE RANGE DETECTOR	90.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECDM
U1169	PWR RNG NUCL CHANNEL RMP AVG O	0.0	DECER
	THE THA HAAT AWWITH MILL MAG &	0.0	FCI



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EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1315

PARAMETER

VALUE

R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	U	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM		2.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		5.000E+01	MR/HR
R06	SAMPLE ROOM RAD		2.000E+00	MR/HR
R07	IN CORE INS ROOM RAD	U	1.000E+03	MR/HR
R08	DRUMMING STATION RAD		1.000E+00	MR/HR
R10	STEAM LINE PENETRATIONS RAD	Α	2.000E+01	R/HR
R11	CNMT AIR PARTICLE RADIATION	Α	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	A	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD	U	1.000E+06	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	A	2.080E+04	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	A	2.080E+04	R/HR
R27	PLANT VENT RADIATION	A	6.300E+08	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR	A	2.000E+02	MR/HR
R65	PAB 73 FT AREA MONITOR	A	4.000E+01	MR/HR
R66	PAB 34 FT AREA MONITOR	A	4.000E+01	MR/HR
R67	PAB 41 FT AREA MONITOR	A	1.000E+03	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR	A	1.000E+04	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR	A	6.000E+03	MR/HR
	A - IN ALARM	х –	OUT OF ALA	RM CHECKI
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCA	N

E - ENTERED VALUE

- NG
 - OUT OF SCAN

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

20 TIME OF INFORMATION: 1315

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PARAMETER	0	S	os	REMARKS	PARAMETER	0	s	OS	REMARKS
Reactor Coolant Pumps #31 1		x			Serv. Water Pmps. #31 5A	x			
#32 4		x	_		(Essential Header) #32 2A	x			
#33_3		x	÷		#33 6A			x	
#34 2		x			#34 5A	x			
Emergency D/G's #31 2A		x			#35 3A	x			
#32 64		x			#36 6A		x		
#33.54		x			RHR Heat Exchangers #31	x			
Offsite Power Avail 1384V	v	_^_			#32	x	1		
	Ĵ				Comp Cool Ht Exch #31	, v	†		
13.00					472	Ĵ	<u> </u>		
SIS Pumps #31 5A		[X		#32	<u>^</u>			
#32 2A		 	X		Hydrogen Recombiner #31 5A	.	×		
#33 6A	· · ·		X		#32 6A		X]	
RHR Pumps #31 3A	X				VC Isolation				
#32 6A			x		(Phase A or B valves which				
Recirc Pumps #31 5A		x			are not in proper position)				
#32.64		x		·····					
Aux Bir Ead Dumos #71 34	~	Ê							
472	Ĵ		· · · ·				<u> </u>		-, -,
#JC	<u> </u>								
A CC#			^		High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A		·	x		#32(GPH)	0			
#32 2A	x	<u> </u>			#33(GPM)	0			
#33 5A	x				#34(GPM)	0			
. #34 3A	x				Low Head SI Flow #31(GPM)	0		<u>-</u>	
#35 6A			x		#32(GPM)	0			
Cont. Spray Pumps #31 5A		x			#33(GPM)	0			
#32 6A		x			#34(GPM)	0			
Charging Pumps #31 5A	x				Accum. Level #31 (%)	0			
#32 3A	x				#32 (%)	0			
#33 AA			X		#77 (%)	0			
					#74 (9)	<u> </u>			<u> </u>
Component Cool. Pumps #31 5A	<u>×</u>				#34 (A)				
#32 2A	X				Gas Turbines GT-1		×		
#33 6A			X		(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A	x				GT-3		x		
#32 6A			x						
#33 5A	x				Appendix 'R' D/G		x		
#34 6A			x						

IP-3 EMERGENCY PLANNING EXERCISE

Date: 9/23/92

Time: 1330

1

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 27

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
TO:	MESSAGE	COMMENTS	CLASS
CCR	Plant status per Plant Status Log #27	Efforts to restore adequate core cooling continue using FR-C.1.	ĠE

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NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

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TIME: 1330

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 27

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Plant status per Plant Status Log #27

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EP FORM 31a

09/23/92 INDIAN POINT UNIT 3 . EMERGENCY PLANT STATUS REPORT -. 1330 PARAMETER VALUE U1170 INCORE T/C TIME AVG VALUE 1980 INST VALUE OF HOTTEST INCORE T/C U0090 2005 U0484 RCL AVG TAVG 615 U0486 RCL HOT AVG T 700 PT-402 RCS PRESSURE - LOOP 1 265 RCS PRESSURE - LOOP 4 PT-403 265 PSIG KHTMARCS LOWEST RCS TEMP SAT MARGIN DEG F · 0 TMARCETA CET TEMP SAT MAR 0

DEG F

DEG F

DEG F

DEG F

PSIG

TMARCETA	CET TEMP SAT MAR	0	DEG F
S498AD	RCP #31 STATUS	OFF	
S498BD	RCP #32 STATUS	OFF	
S498CD	RCP #33 STATUS	OFF	
S498DD	RCP #34 STATUS	OFF	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	65.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	65.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	65.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	65.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	460.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	460.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	460.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	460.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG	9.0	PSIG
FT1200	AUX FD FLOW TO SG #31	100.0	GPM
FT1201	AUX FD FLOW TO SG #32	100.0	GPM
FT1202	AUX FD FLOW TO SG #33	100.0	GPM
FT1203	AUX FD FLOW TO SG #34	100.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	21.2	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	21.2	FT
TC-1416	CONTAINMENT AVG TEMPERATURE	121.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	46.8	FT -
LT-1256	CONTAINMENT SUMP LEVEL	46.8	ድ ጉጥ
LT-1251	RECIRCULATION SUMP LEVEL	46.8	FT
LT-1252	RECIRCULATION SUMP LEVEL	46.8	ፑጥ
LT-920	RWST LEVEL	35.7	ም ም
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.2	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.2	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR001A	RVLIS FULL RANGE	18.0	PCT
LR001B	RVLIS FULL RANGE	18 0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1 000-11	AMDC
N-36	INTERMEDIATE RANGE DETECTOR	1.000 11	AMDC
KISUR	INTERMEDIATE RANGE START-UP BATE	1.000-11	DECOM
N-31	SOURCE RANGE DETECTOR	0.0	CDS
N-32	SOURCE RANGE DETECTOR	90.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	90.0	Cr5 DECDY
U1169	PWR RNG NIICL CHANNEL DWD AVC O	0.0	DECPM
~ ~ / /	THE REE HOCH CHANNEL REF AVG Q	0.0	PCT
	- DRILL INFORMATION ONLY -		•

#27

EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1330

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PARAMETER

VALUE

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CONTROL ROOM RAD		0.000E+00	MR/HR
AREA 2 RADIATION	U	1.000E+03	MR/HR
CHARGING PUMP ROOM		2.000E-01	MR/HR
FUEL STORAGE BUILDING RAD		5.000E+01	MR/HR
SAMPLE ROOM RAD		3.000E+00	MR/HR
IN CORE INS ROOM RAD	U	1.000E+03	MR/HR
DRUMMING STATION RAD		1.000E+00	MR/HR
STEAM LINE PENETRATIONS RAD	A	2.000E+01	R/HR
CNMT AIR PARTICLE RADIATION	Α	8.370E-07	UCI/CC
CONTAINMENT GAS RADIATION	A	1.0 OE-02	UCI/CC
PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
AUX BUILDING EXHAUST RAD	U	1.000E+06	CPM
STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
CONTAINMENT HIGH RAD MONITOR 1	Α	2.080E+04	R/HR
CONTAINMENT HIGH RAD MONITOR 2	A	2.080E+04	R/HR
PLANT VENT RADIATION	Α	6.140E+08	UCI/S
STACK DISCHARGE AIR FLOW		60.0	KCFM
RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
31 MAIN STEAM LINE		8.300E-04	UCI/CC
32 MAIN STEAM LINE		2.000E-04	UCI/CC
33 MAIN STEAM LINE		2.000E-04	UCI/CC
34 MAIN STEAM LINE		4.100E-04	UCI/CC
GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
PAB 55 FT AREA MONITOR	Α	2.000E+02	MR/HR
PAB 73 FT AREA MONITOR	A	4.000E+01	MR/HR
PAB 34 FT AREA MONITOR	Α	4.000E+01	MR/HR
PAB 41 FT AREA MONITOR	Α	1.000E+03	MR/HR
PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
PIPE PEN 54 FT AREA MONITOR	Α	1.000E+04	MR/HR
FAN HOUSE 77 FT AREA MONITOR	A	5.700E+03	MR/HR
A - IN ALARM	х –	OUT OF ALAR	M CHECKING
U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	
	CONTROL ROOM RAD AREA 2 RADIATION CHARGING PUMP ROOM FUEL STORAGE BUILDING RAD SAMPLE ROOM RAD IN CORE INS ROOM RAD DRUMMING STATION RAD STEAM LINE PENETRATIONS RAD CNMT AIR PARTICLE RADIATION PLANT VENT AIR PARTICLE RAD AUX BUILDING EXHAUST RAD STEAM AIR EJECT EXHAUST RAD STEAM AIR EJECT EXHAUST RAD CNMT CLNG HX SVC WTR OUT 1R CNMT CLNG HX SVC WTR OUT 1R CMTT CLG PUMP SUCT A HEADER RAD LIQUID WASTE DISPOSAL RADIATION STM GENER BLOWDOWN DRAIN 2 RAD CCW SERVICE WATER EFFLUENT CONTAINMENT HIGH RAD MONITOR 1 CONTAINMENT HIGH RAD MONITOR 2 PLANT VENT RADIATION STACK DISCHARGE AIR FLOW RAMS BUILDING NOBLE GAS MONITOR 31 MAIN STEAM LINE 32 MAIN STEAM LINE 34 MAIN STEAM LINE 34 MAIN STEAM LINE 34 MAIN STEAM MONITOR PAB 55 FT AREA MONITOR PAB 54 FT AREA MONITOR PAB 54 FT AREA MONITOR PAB 54 FT AREA MONITOR PAB 55 FT AREA MONITOR PAB 54 FT AREA MONITOR PAB 55 FT AREA MONITOR PAB 55 FT AREA MONITOR PAB 56 FT AREA MONITOR PAB 57 FT AREA MONITOR PAB 57 FT AREA MONITOR PAB 56 FT AREA MONITOR PAB 57 FT AREA MONITOR PAB 57 FT AREA MONITOR PAB 56 FT AREA MONITOR PAB 57 FT AREA MONITOR PAB 56 FT AREA MONITOR PAB 57 FT AREA MONITOR PAB 57 FT AREA MONITOR PAB 56 FT AREA MONITOR PAB 57 FT AREA MONITOR PAB 57 FT AREA MONITOR PAB 56 FT AREA MONITOR PAB 57 FT AREA MONITOR PAB 57 FT AREA MONITOR PAB 57 FT AREA MONITOR PAB 50 FT AREA MONITOR PAB 50 FT AREA MONITOR PAB 51 FT AREA MONITOR PAB 51 FT AREA MONITOR PAB 51 FT AREA MONITOR PAB 53 FT AREA MONITOR PAB 54 FT AREA MONITOR PAB 55 FT AREA MONITOR PAB 55 FT AREA MONITOR PAB 55 FT AREA MONITOR PAB 56 FT AREA MONITOR PAB 57 FT AREA MONITOR PAB 50 FT AREA MO	CONTROL ROOM RADUAREA 2 RADIATIONUCHARGING PUMP ROOMFUEL STORAGE BUILDING RADSAMPLE ROOM RADUDRUMMING STATION RADUSTEAM LINE PENETRATIONS RADACONTA AIR PARTICLE RADIATIONACONTAINMENT GAS RADIATIONAPLANT VENT AIR PARTICLE RADUSTEAM AIR EJECT EXHAUST RADUSTEAM AIR EJECT EXHAUST RADUSTEAM AIR EJECT EXHAUST RADUSTEAM AIR EJECT EXHAUST RADUCNMT CLNG HX SVC WTR OUT 1RCNMT CLG PUMP SUCT A HEADER RADCMPT CLG PUMP SUCT B HEADER RADLIQUID WASTE DISPOSAL RADIATIONSTM GENER BLOWDOWN DRAIN 2 RADCCW SERVICE WATER EFFLUENTCONTAINMENT HIGH RAD MONITOR 1ACONTAINMENT HIGH RAD MONITOR 2APLANT VENT RADIATIONASTACK DISCHARGE AIR FLOWARAMS BUILDING NOBLE GAS MONITOR31 MAIN STEAM LINE32 MAIN STEAM LINE33 MAIN STEAM LINE34 MAIN STEAM LINE34 MAIN STEAM LINE34 MAIN STEAM LINEAPAB 55 FT AREA MONITORAPAB 34 FT AREA MONITORAPAB 41 FT AREA MONITORAPAB 41 FT AREA MONITORAPAB 15 FT AR	CONTROL ROOM RAD0.000E+00AREA 2 RADIATIONU 1.000E+00CHARGING PUMP ROOM2.000E-01FUEL STORAGE BUILDING RAD3.000E+00SAMPLE ROOM RADU 1.000E+00IN CORE INS ROOM RADU 1.000E+00STEAM LINE PENETRATIONS RADA 2.000E+01CONTAINMENT GAS RADIATIONA 8.370E-07CONTAINMENT GAS RADIATIONA 1.000E+00PLANT VENT AIR PARTICLE RAD9.000E+02AUX BUILDING EXHAUST RADU 1.000E+00STEAM AIR EJECT EXHAUST RADU 1.000E+03CMPT CLG PUMP SUCT A HEADER RAD3.000E+02CMPT CLG PUMP SUCT B HEADER RAD3.000E+03CMPT CLG PUMP SUCT B HEADER RAD3.000E+03STM GENER BLOWDOWN DRAIN 2 RAD1.000E+03CONTAINMENT HIGH RAD MONITOR 1A 2.080E+04CONTAINMENT HIGH RAD MONITOR 2A 2.080E+04PLANT VENT RADIATIONA 6.140E+08STACK DISCHARGE AIR FLOW5.100E-0931 MAIN STEAM LINE2.000E-0432 MAIN STEAM LINE2.000E-0433 MAIN STEAM LINE2.000E-0434 MAIN STEAM LINE2.000E+03CROSS FAILED FUEL DETECTOR R63A2.100E-01GROSS FAILED FUEL DETECTOR R63B2.100E-01PAB 34 FT AREA MONITORA 2.000E+03PAB 41 FT AREA MONITORA 1.000E+04PAB 41 FT AREA MONITOR

E - ENTERED VALUE

EP-FORM #31c

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IP-3 PLANT STATUS LOG DATE: 9/23/92

#21 <u>TIME OF INFORMATION: 1330</u>

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PARAMETER	0	S	OS	REMARKS	PARAMETER	0	s	OS	REMARKS
Reactor Coolant Pumps #31 1		x			Serv. Water Pmps. #31 5A	x			
#32_4		x			(Essential Header) #32 2A	x			
#33 3		x			#33 6A			x	
#34 2		x			#34 5A	x			
Emergency D/G/s #31.24		Y			#35 3A	X			
#32 6A		x			#36 6A		x		
#33 5A		x			RHR Heat Exchangers #31	x			
Offsite Power Avail 138KV	x				#32	x			
13.8KV	x	1			Comp. Cool Ht. Exch #31	x			
					#32	x			
315 Pumps #31 5A			× ×		Hydrogen Recombiner #31 54	<u> </u>	Y		
#33 64			x		#32 6A	<u> </u>	x		
RHR Pumps #31 3A	x		~						
			X		(Phase A or B valves which				
Rectro Pumps #31 3A					position)				
#32 6A		x							
Aux. Bir. Feed Pumps #31 3A	x								
#32	x								
#33 6A			x		High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A			x		#32(GPM)	0			
#32 2A	x				#33(GPN)	0			
#33 5A	x				#34(GPN)	0			
#3 4 3A	×				Low Head SI Flow #31(GPM)	0			
#35 6A			x		#32(GPM)	0			
Cont. Sprav Pumpe #21 54		Y			#33(GPM)	0			
#32 64		x			#34(GPM)	0			
Charging Pumps #31 54	x	<u> </u>			Accum, Level #31 (2)	0			
#32 3A	x				#32 (%)	0			
#77 AA	<u> </u>		x		#22 (9)	0			
Company Cool Diverse 474 54	J				#35 (%) #34 (%)	0			
Lomponent Cool. Pumps #51 5A						-			
#32 2A	^				Gas Turbines GT-1		X		
#33 6A			_X		(Call Con Edison) GT-2		X		
Aux. Comp. Cool Pumps #31 5A	X	L			GT-3		X		
#32 6A	<u> </u>		X						
#33 5A	X				Appendix 'R' D/G		X		
#34 6A			x						

IP-3 EMERGENCY PLANNING EXERCISE.

Date: 9/23/92

Time: 1345

22

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 28

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
CCR	Plant status per Plant Status Log #28	Efforts to restore core cooling continues.	GE

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

TIME: 1345

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INDIAN POINT NO. 3 SCENARIO

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MESSAGE NUMBER: 28

Plant status per Plant Status Log #28

#28

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EP FORM 31a

	INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT	09/2	3/92 45
	PARAMETER	VALU	E
U1170	INCORE T/C TIME AVG VALUE	2020	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	2025	DEG F
U0484	RCL AVG TAVG	615	DEG F
U0486	RCL HOT AVG T	700	DEG F
PT-402	RCS PRESSURE - LOOP 1	210	PSIG
PT-403	RCS PRESSURE - LOOP 4	210	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	• 0	DEG F
TMARCETA	CET TEMP SAT MAR	0	DEG F
S498AD	RCP #31 STATUS	OFF	
5498BD	RCP #32 STATUS	OFF	
5498CD	RCP #33 STATUS	OFF	
5498DD	RCP #34 STATUS	OFF	D om
UU483 Em 120	PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
	STEAM GENERATOR #31 W.R. LEVEL	69.0	PCT
	STEAM GENERATOR #32 W.R. LEVEL	69.0	PCT
	STEAM GENERATOR #33 W.R. LEVEL	69.0	PCT
	STEAM GENERATOR #34 W.R. LEVEL	69.0	PCT
10414	SIM GEN A SIM P 1/2/3 AVG	405.0	PSIG
110454	SIM GEN D SIM P $1/2/3$ AVG	405.0	PSIG
U0474	STM GEN C SIM P $1/2/3$ AVG	405.0	PSIG
U1000	CONTATNMENT P 1/2/3 AVG	405.0	PSIG
FT1200	AUX FD FLOW TO SC #31	100 0	CDM
FT1201	AUX FD FLOW TO SG #32	100.0	CDM
FT1202	AUX FD FLOW TO SG #33	100.0	CDM
FT1203	AUX FD FLOW TO SG #34	100.0	CDM
LT1128	CONDENSATE STORAGE TANK LEVEL	21.0	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	21.0	 ፑጥ
TC-1416	CONTAINMENT AVG TEMPERATURE	120.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1256	CONTAINMENT SUMP LEVEL	46.8	 FT
LT-1251	RECIRCULATION SUMP LEVEL	46.8	FT
LT-1252	RECIRCULATION SUMP LEVEL	46.8	FT
LT-920	RWST LEVEL	35.7	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.2	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.2	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR001A	RVLIS FULL RANGE	18.0	PCT
LR001B	RVLIS FULL RANGE	18.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	90.0	CPS
N-32	SOURCE RANGE DETECTOR	90.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG Q	0.0	PCT



EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1345

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PARAMETER

VALUE

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R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	U	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM		2.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		4.800E+01	MR/HR
R06	SAMPLE ROOM RAD		3.000E+00	MR/HR
R07	IN CORE INS ROOM RAD	U	1.000E+03	MR/HR
R08	DRUMMING STATION RAD		1.000E+00	MR/HR
R10	STEAM LINE PENETRATIONS RAD	A	2.000E+01	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	A	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD	U	1.000E+06	CPM
R15	STEAM AIR EJECT EXHAUST RAD 🚞		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	A	1.920E+04	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Α	1.920E+04	R/HR
R27	PLANT VENT RADIATION	Α	6.060E+08	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR	A	2.000E+02	MR/HR
R65	PAB 73 FT AREA MONITOR	A	4.000E+01	MR/HR
R66	PAB 34 FT AREA MONITOR	Α	4.000E+01	MR/HR
R67	PAB 41 FT AREA MONITOR	A	1.000E+03	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR	A	1.000E+04	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR	A	5.600E+03	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
-	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

E - ENTERED VALUE

EP-FORM #31c

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IP-3 PLANT STATUS LOG DATE: 9/23/92

#28 TIME OF INFORMATION: 1345

DADAMETER			05	DEMADYS				00	DEMARKS
Peactor Coolant Pumos #31 1		y y	03	ALMARAS	Sary Hater Proc #31 54-			05	KERAKKS
#32 4		Ŷ			(Essential Header) #32 24	† Ĉ	1		
#77.7	<u> </u>	Î	1		(LSSENTIAL MEDGET) #52 ZA	† ^			
#34. 2		1 Û			#33 DA			<u> </u>	
					#34 3A				
Emergency D/G's #31 2A		×			AC CC#		<u> </u>		
#32 6A		X			#36 6A		X		
#33_5A		X			RHR Heat Exchangers #31	X	 		
Offsite Power Avail 138KV	X				#32	×			
13.8KV	X				Comp. Cool Ht. Exch #31	×			
SIS Pumps #31 5A			x		#32	×			<u>.</u>
#32 2A			x		Hydrogen Recombiner #31 5A		x		
#33 6A			x		#32 6A		x		
RHR Pumps #31 3A	x				VC Isolation			-	
#32 6A			x		(Phase A or B valves which				
Recirc Pumps #31 5A		x			are not in proper				
470 44		~			position)		<u></u>		
Aux Pla Food Dumo 471 74	~							····	
470	× v								
#32	^		~						
#35 OA			^		High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A			x		#32(GPN)	0			
#32 2A	x				#33(GPM)	0			
#33 5A	x				#34(GPM)	0			
#34 3A	x				Low Head SI Flow #31(GPM)	0			
#35 6A			X		#32(GPM)	0			
Cont. Spray Pumps #31 5A		x			#33(GPM)	0			
#32 6A		x			#34(GPM)	0			
Charging Pumps #31 5A	x				Accum. Level #31 (%)	0			
#32 3A	x				#32 (%)	0			
#33 6A			x		#33 (%)	0			
Component Cool. Pumps #31 5A	x				#34 (%)	0			
#32 2A	x			-	Gas Turbines GT-1		x		
#33 6A			x		(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A	x				GT-3		x		
#32 6A			x						
#33 5A	x				Appendix 'R' D/G		x		
#34 6A			x						

IP-3 EMERGENCY PLANNING EXERCISE

Date: 9/23/92

Time: 1400

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 29

ISSUED TO:	SUMMARY OF MESSAGE	ANTICIPATED RESULTS COMMENTS	EMERG. CLASS
CCR	Plant status per Status Log #29	Plant Improvements in core cooling are beginning as S/G depressurization has reduced RCS pressure below the shutoff head of the RHR pumps.	GE

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NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

" <u>TIME: 1400</u>

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INDIAN POINT NO. 3 SCENARIO

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MESSAGE NUMBER: 29

Plant status per Plant Status Log #29

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#29

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EP FORM 31a

	INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT	09/23 • 140	92 0
	PARAMETER	VALUF	2
U1170	INCORE T/C TIME AVG VALUE	1850	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	1925	DEG F
U0484	RCL AVG TAVG	615	DEG F
U0486	RCL HOT AVG T	700	DEG F
PT-402	RCS PRESSURE - LOOP 1	145	PSIG
PT-403	RCS PRESSURE - LOOP 4	145	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	` O	DEG F
TMARCETA	CET TEMP SAT MAR	0	DEG F
S498AD	RCP #31 STATUS	OFF	
S498BD	RCP #32 STATUS	OFF	
S498CD	RCP #33 STATUS	OFF	
S498DD	RCP #34 STATUS	OFF	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	73.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	73.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	73.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	73.0	PCT
00414	STM GEN A STM P 1/2/3 AVG	310.0	PSIG
00434	STM GEN B STM P 1/2/3 AVG	310.0	PSIG
00454	STM GEN C STM P 1/2/3 AVG	310.0	PSIG
UU474	STM GEN D STM P 1/2/3 AVG	310.0	PSIG
	CONTAINMENT P 1/2/3 AVG	5.3	PSIG
FT1200	AUX FD FLOW TO SG #31	100.0	GPM
F11201	AUX FD FLOW TO SG #32	100.0	GPM
FT1202	AUX FD FLOW TO SG #33	100.0	GPM
TTT205	CONDENSATE STODACE TANK I FUEL	100.0	GPM
LT1128A	CONDENSATE STORAGE TANK LEVEL	20.0	r T Em
TC - 1416	CONTAINMENT AUG TEMPEDATUDE	120.0	LI DEC E
LT-1255	CONTAINMENT SUMP LEVEL	16 8	DEG I ET
LT-1256	CONTAINMENT SIMP LEVEL	40.8	ድጥ ጉጉ
LT-1251	RECTRCULATION SUMP LEVEL	40.0	ድጥ 1
LT-1252	RECIRCULATION SUMP LEVEL	46.8	ድ ፲ ምጥ
LT-920	RWST LEVEL	35.7	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.2	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.2	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR001A	RVLIS FULL RANGE	20.0	PCT
LR001B	RVLIS FULL RANGE	20.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	90.0	CPS
N-32	SOURCE RANGE DETECTOR	90.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG Q	0.0	PCT

#29

EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1400

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PARAMETER

VALUE

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- R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	U	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM		2.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		4.800E+01	MR/HR
R06	SAMPLE ROOM RAD		3.000E+00	MR/HR
R07	IN CORE INS ROOM RAD	U	1.000E+03	MR/HR
R08	DRUMMING STATION RAD		1.000E+00	MR/HR
R10	STEAM LINE PENETRATIONS RAD	A	2.000E+01	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD	U	1.000E+06	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	A	1.920E+04	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	A	1.920E+04	R/HR
R27	PLANT VENT RADIATION	Α	5.810E+08	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR	A	2.000E+02	MR/HR
R65	PAB 73 FT AREA MONITOR	A	4.000E+01	MR/HR
R66	PAB 34 FT AREA MONITOR	A	4.000E+01	MR/HR
R67	PAB 41 FT AREA MONITOR	A	1.000E+03	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR	A	1.000E+04	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR	A	5.400E+03	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

E - ENTERED VALUE



EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92



TIME OF INFORMATION: 1400

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DADAMETED		_	s	05	REMARKS	PARAMETER	0	s	os	REMARKS
Reactor Coolant Pumps #3	1 1		x			Serv. Water Pmps. #31 5A	x			
#33	24		x			(Essential Header) #32 2A	x			
#33	5 3		x			#33 64			x	
#34	. 2		x			#34 5A	x			
						#35 3A	x			
Emergency U/G's #3			 			#74 AA	<u> </u>			
			~			PHP Heat Exchangers #31	,	<u> </u>		
#3.		~	<u> </u>			Kink neat Excitatigers #31	Î			
UTTSILE POWER AVAIL 13	9101	Ŷ				Come Cool Ht Eych #31	ا ب			
	. 04. V	<u> </u>				#32	L Û			
SIS Pumps #3	1 54			X		wjc				
#3	2 2A			X		Hydrogen Recombiner #31 5A		X		
#3:	3 64			X		#32_6A		X		
RHR Pumps #3	1 3A	X				VC Isolation				
#3	2 6A			X		(Phase A or B valves which				
Recirc Pumps #3	1 5 a		X			are not in proper position)				
#33	2 64		x							
Aux. Blr. Feed Pumps #3	1 3 A	x				,				
#33	2	x								
#3:	3 6A			x		High Head SI Flow #31(GPM)	0			
Fan Cooler Units #3	1 54			X		#32(GPM)	0			
#3	2 24	x				#33(GPM)	0			
#3	5 5A	x				#34(GPM)	0			
#34	4 3A	×				Low Head SI Flow #31(GPM)	260			
#3	5 6A			x		#32(GPM)	180			
Cont Spray Dumps 47	1 54		Y			#33(GPM)	200			
toric. apray rumps #3	2 64		x			#34(GPM)	220			
Charging Pumps #3	1 5A	x				Accum. Level #31 (%)	0			
#3	2 3 A	x				#32 (X)	0			
#3	3 6A			x		#33 (%)	0			
Component Cool. Pumps #3	1 5A	x				#34 (%)	0			
#3	2 2A	x				Gas Turbines GT-1		x		
#3	3 6A			x		(Call Con Edison) GT-2		x		· · · · · · · · · · · · · · · · · · ·
Aux. Comp. Cool Pumps #3	1 5A	x				GT-3	[x		
#3	2 6A			x				•		
#3	3 5A	X				Appendix 'R' D/G		x		
#3	4 6A			x						

IP-3 EMERGENCY PLANNING EXERCISE.

Date: 9/23/92

Time: 1415

22

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 30

ISSUED TO:	O SUMMARY OF MESSAGE	ANTICIPATED RESULTS COMMENTS	EMERG. CLASS
CCR	Plant status per Plant Status Log # 30	CCR operators continue to use FR-C.1.	GE

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Core water level is being restored.

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

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TIME: 1415

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INDIAN POINT NO. 3 SCENARIO

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MESSAGE NUMBER: 30

Plant status per Plant Status Log #30
EP FORM 31a

#30

INDIAN POINT UNIT 309/23/92EMERGENCY PLANT STATUS REPORT~1415

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	PARAMETER	VALU	Έ
U1170	INCORE T/C TIME AVG VALUE	1800	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	1845	DEG F
U0484	RCL AVG TAVG	615	DEG F
U0486	RCL HOT AVG T	700	DEG F
PT-402	RCS PRESSURE - LOOP 1	120	PSIG
PT-403	RCS PRESSURE - LOOP 4	120	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	• 0	DEG F
TMARCETA	CET TEMP SAT MAR	0	DEG F
S498AD	RCP #31 STATUS	OFF	
S498BD	RCP #32 STATUS	OFF	
S498CD	RCP #33 STATUS	OFF	
S498DD	RCP #34 STATUS	OFF	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	71.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	71.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	71.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	71.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	280.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	280.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	280.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	280.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG	3.1	PSIG
FT1200	AUX FD FLOW TO SG #31	100.0	GPM
FT1201	AUX FD FLOW TO SG #32	100.0	GPM
FT1202	AUX FD FLOW TO SG #33	100.0	GPM
FT1203	AUX FD FLOW TO SG #34	100.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	20.0	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	20.0	FT
TC-1416	CONTAINMENT AVG TEMPERATURE	120.0	DEG F
LT-1255	CONTAINMET SUMP LEVEL	46.8	FT
LT-1256	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1251	RECIRCULATION SUMP LEVEL	46.8	FT
LT-1252	RECIRCULATION SUMP LEVEL	46.8	\mathbf{FT}
LT-920	RWST LEVEL	35.3	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.2	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.2	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LROUIA	RVLIS FULL RANGE	28.0	PCT
LROOIB	RVLIS FULL RANGE	28.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	90.0	CPS
N-32	SOURCE RANGE DETECTOR	90.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG Q	0.0	PCT

#30

EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1415

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PARAMETER

VALUE

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R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	U	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM		2.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		4.500E+01	MR/HR
R06	SAMPLE ROOM RAD		3.000E+00	MR/HR
R07	IN CORE INS ROOM RAD	U	.1.000E+03	MR/HR
R08	DRUMMING STATION RAD		1.000E+00	MR/HR
R10	STEAM LINE PENETRATIONS RAD	A	1.500E+01	R/HR
R11	CNMT AIR PARTICLE RADIATION	Α	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD	U	1.000E+06	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	Α	1.760E+04	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	A	1.760E+04	R/HR
R27	PLANT VENT RADIATION	Α	5.060E+08	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE	,	2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	uci/cc
R64	PAB 55 FT AREA MONITOR	Α	2.000E+02	MR/HR
R65	PAB 73 FT AREA MONITOR	Α	4.000E+01	MR/HR
R66	PAB 34 FT AREA MONITOR	A	4.000E+01	MR/HR
R67	PAB 41 FT AREA MONITOR	Α	1.000E+03	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR	Α	1.000E+04	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR	A	4.700E+03	MR/HR
	A - IN ALARM	x -	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s –	OUT OF SCAN	

E - ENTERED VALUE

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

#30

TIME OF INFORMATION: 1415

PARAMETER	0	s	os	REMARKS	PARAMETER	0	s	os	REMARKS
Reactor Coolant Pumps #31 1		x			Serv. Water Pmps. #31 5A	x			
#32 4		x			(Essential Header) #32 2A	x			
#33_3		x	÷		#33 6A	1		x	
#34 2		x			#34 5A	x			
		v			#35 3A	×			
472 KA		Ŷ			#74 4A				
#33 54		×		<u></u>	PHP Heat Exchangers #31		<u>├</u>		
Offsite Power Avail 138KV	¥				432	Ŷ	<u> </u>		
13.8KV	x				Comp. Cool Ht. Exch #31	Ŷ			
					#32	× ×			
515 Pumps #51 5A	,		X			<u> </u>			
#32 ZA			X V		nyarogen kecombiner #51 5A		X		
	v		*		#32 6A	<u> </u>	<u> </u>		
	^			·	VC Isolation	 			
#32 6A			X		(Phase A or B valves which	 			
Rectirc Pumps #31 5A		X			are not in proper position)				
#32 6A		x				1			
Aux. Blr. Feed Pumps #31 3A	x								
#32	X								
#33 6A			x		High Head SI Flow #31(GPM)	0]
Fan Cooler Units #31 54			¥		#32(GPM)	0			
#32 24	x				#33(GDN)	0			
#33 5A	x				#34(GPM)	0			
#34 3A	x				Low Nead SI Flow #31(GPM)	320			
#35 6A			x .		#32(GPM)	290			
Cont Spray Pumps #31 54		v			#33(GPM)	260			
#32 64		Ŷ			#7/(cpm)	710			
Charging Pumps #31 54	Y				#34(GPH)	310			
#32 34	$\frac{1}{x}$					0		<u> </u>	
#33 6A			x		#JC (A)	n			
					47. /Y	0			
component coot. Pumps #51 5A	<u>×</u>				TJ7 (A)				
#52 ZA	×			·	Gas Turbines GT-1		x		
#33 6A			X		(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A	<u>×</u>				GT-3		x		
#32 6A			<u>×</u>						
#33 5A	x				Appendix 'R' D/G		x		
#34 6A			x						

Date: 9/23/92

Time: 1430

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 31

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
TO:	MESSAGE	COMMENTS	CLASS

CCR Plant status per Plant Status Log #31

Field Report #5 is issued to the repair teams in the 480V switchgear room indicating that they have successfully cleared the fault from bus #6A. The 480V AC supply breaker for MCC-37 was removed from the bus work.

Field Report #6 is issued to the repair team investigating containment building leakage. Operators continue using FR- GE C.1 to respond to the inadequate core cooling condition. When word is received in the CCR that the repairs have been completed to bus 6A, the operators should energize bus 6A from its normal power supply, and restart #33 Safety Injection Pump and other loads as allowed by the EOPs.

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

"<u>TIME: 1430</u>

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 31

Plant status per Plant Status Log #31

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- THIS IS A DRILL -

EP FORM 31

RM .	31a			
	INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT	مد	09/2 ~ 14	3/92 30
	PARAMETER		VALU	E
	INCORE T/C TIME AVG VALUE		1740	DEG
	INST VALUE OF HOTTEST INCORE T/C		1790	DEC
	RCL AVG TAVG		615	DEC
	RCL HOT AVG T		700	DEC
2	RCS PRESSURE - LOOP 1		105	PS:
3	RCS PRESSURE - LOOP 4		105	PS:
RCS	S LOWEST RCS TEMP SAT MARGIN		· O	DEC
ETA	A CET TEMP SAT MAR		0	DEC
D	RCP #31 STATUS		OFF	
D	RCP #32 STATUS		OFF	
D	RCP #33 STATUS		OFF	
D	RCP #34 STATUS		OFF	
	PRESSURIZER LEVEL 1/2/3 AVG		0.0	PCI
8	CHARGING PUMP DISCHARGE FLOW		99.0	GPN
7D	STEAM GENERATOR #31 W.R. LEVEL		73.0	PCI
7D	STEAM GENERATOR #32 W.R. LEVEL		73.0	PCI
7D	STEAM GENERATOR #33 W.R. LEVEL		73.0	PCI
7D	STEAM GENERATOR #34 W.R. LEVEL		73.0	PCI

#31

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U1170	INCORE T/C TIME AVG VALUE	1740	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	1790	DEG F
U0484	RCL AVG TAVG	615	DEG F
U0486	RCL HOT AVG T	700	DEG F
PT-402	RCS PRESSURE - LOOP 1	105	PSIG
PT-403	RCS PRESSURE - LOOP 4	105	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	· 0	DEG F
TMARCETA	CET TEMP SAT MAR	0	DEG F
S498AD	RCP #31 STATUS	OFF	
S498BD	RCP #32 STATUS	OFF	
S498CD	RCP #33 STATUS	OFF	
S498DD	RCP #34 STATUS	OFF	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	73.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	73.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	73.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	73.0	PCT
U0414	STM GEN A STM P 1/2/3 AVG	220.0	PSIG
U0434	STM GEN B STM P 1/2/3 AVG	220.0	PSIG
U0454	STM GEN C STM P 1/2/3 AVG	220.0	PSTG
U0474	STM GEN D STM P 1/2/3 AVG	220.0	PSTG
U1000	CONTAINMENT P 1/2/3 AVG	0.3	PSIG
FT1200	AUX FD FLOW TO SG #31	100.0	GPM
FT1201	AUX FD FLOW TO SG #32	100.0	GPM
FT1202	AUX FD FLOW TO SG #33	100.0	GPM
FT1203	AUX FD FLOW TO SG #34	100.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	19.8	FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	19.8	FT
TC-1416	CONTAINMENT AVG TEMPERATURE	116.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1256	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1251	RECIRCULATION SUMP LEVEL	46.8	FT
LT-1252	RECIRCULATION SUMP LEVEL	46.8	FT
LT-920	RWST LEVEL	34.1	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.2	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.2	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR001A	RVLIS FULL RANGE	38.0	PCT
LR001B	RVLIS FULL RANGE	38.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	90.0	CPS
N-32	SOURCE RANGE DETECTOR	90.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG O	0.0	PCT

#31

EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1430

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	PARAMETER		VALUE	
R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	U	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM	•	5.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		4.500E+01	MR/HR
R06	SAMPLE ROOM RAD		1.000E+00	MR/HR
R07	IN CORE INS ROOM RAD	U	1.000E+03	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10 .	STEAM LINE PENETRATIONS RAD	Α	1.500E+01	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	A	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD	U	1.000E+06	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	Α	1.760E+04	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Α	1.760E+04	R/HR
R27	PLANT VENT RADIATION	Α	1.250E+08	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
ROJA	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
ROJD	GROSS FAILED FUEL DETECTOR R63B	_	2.100E-01	UCI/CC
RO4 DCE	PAB 55 FT AREA MONITOR	Α	4.000E+01	MR/HR
PEE	PAD 75 FT AREA MONITOR DAB 34 FT AREA MONITOR		8.000E+00	MR/HR
R60 R67	PAD 34 FT AREA MONITOR DAR 41 FT AREA MONITOR		8.000E+00	MR/HR
P68	PAD 41 FI AREA MONITOR DAR 15 FM AREA MONITOR	A	2.000E+02	MR/HR
R69	DIDE DEN 54 ET ADEA MONITOR	•	3.000E+00	MR/HR
R70	FILL FEN D4 FT AKEA MONITOR	A	2.000E+03	MR/HR
11/0	FAN HOUSE // FT AREA MONITOR	А	8.000E+02	MR/HR

A - IN ALARM

U - UNAVAILABLE OR OUT-OF-RANGE S - OUT OF SCAN

E - ENTERED VALUE

X - OUT OF ALARM CHECKING

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

#31 <u>TIME OF INFORMATION: 1430</u>

		T				T	1			· · ·
			r	r		~		T		
	PARAMETER	0	S	os	REMARKS	PARAMETER	0	S	OS	REMARK S
	Reactor Coolant Pumps #31 1		x			Serv. Water Pmps. #31 5A	x			
	#32 4		x			(Essential Header) #32 2A	x			
ĺ	#33_3		X			#33 64			x	
	#34 2		x			#34 5A	x			
	Emergency D/G's #31 2A		x			#35 3A	x			
	#32 64		x			#36 6A		×		
	#33 5A		x			RHR Heat Exchangers #31	x			
	Offsite Power Avail 138KV	x				#32	x			
	13.8KV	x				Comp. Cool Ht. Exch #31	x			
	SIS Pumps #31 5A			x		#32	x			
	#32 2A			x		Hydrogen Recombiner #31 5A		x		
	#33 64			x		#32 6A		x		-
	RHR Pumps #31 3A	x				VC Isolation				
ĺ	#32 6A			x		(Phase A or B valves which				
	Recirc Pumps #31 5A		x			are not in proper position)				
	#32 64		x							
-	Aux. Blr. Feed Pumps #31 3A	x					<u> </u>			
	#32	x								
	#33 6A			x		High Head SI Flow #31(GPM)	0			
	Fan Cooler Units #31 5A			. X		#32(GPM)	0			
	#32 2A	x				#33(GPM)	0			
	#33 5A	x				#34(GPM)	0			
	#34 3A	x				Low Head SI Flow #31(GPM)	410			
	#35 6A			x		#32(GPM)	385			
	Cont. Spray Pumps #31 5A		x			#33(GPM)	400			
	#32 6A		x			#34(GPM)	390			
	Charging Pumps #31 5A	x				Accum. Level #31 (%)	0			
	#32 3A	x				#32 (%)	0			
ſ	#33 6A			x		#33 (%)	0			
	Component Cool. Pumps #31 5A	x				#34 (%)	0			
	#32 2A	x				Gas Turbines GT-1		x	I	
	#33 6A			x		(Call Con Edison) GT-2		 X		
	Aux. Comp. Cool Pumps #31 5A	x				GT-3		x		
	#32 6A			x						
	#33 5A	x				Appendix 'R' D/G		x		
	#34 6A			x						
			_		· · · · · · · · · · · · · · · · · · ·			-		

Date: 9/23/92

Time: 1445

22

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 32

ISSUED TO:	SUMMARY OF MESSAGE	ANTICIPATED RESULTS COMMENTS	EMERG. CLASS
CCR	Plant status per Plant Status Log # 32.	Operators must continue using FR-C.1 until the RCS hot leg temps decrease below	GE
	Field Report(s) #6A/B are issued to the repair team attempting to tighten flange	350°F and the RVLIS Full Range indication is >62%.	
	bolts.	Plant Vent radiation levels are decreasing. This should be noted by the operators.	

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

<u>TIME: 1445</u>

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INDIAN POINT NO. 3 SCENARIO

.

MESSAGE NUMBER: 32

Plant status per Plant Status Log #32

- THIS IS A DRILL -

EP FORM 31a

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	INDIAN POINT UNIT 3		09/23/92
·	EMERGENCY PLANT STATUS REPORT	**	1445
	PARAMETER		VALUE
U1170	INCORE T/C TIME AVG VALUE	15	20 DEG I
U0090	INST VALUE OF HOTTEST INCORE T/C	15	35 DEG
U0484	RCL AVG TAVG	6	15 DEG
U0486	RCL HOT AVG T	7	00 DEG I
PT-402	RCS PRESSURE - LOOP 1		95 PSIG
PT-403	RCS PRESSURE - LOOP 4		95 PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN		0 DEG J
TMARCETA	CET TEMP SAT MAR		0 DEG I
S498AD	RCP #31 STATUS	OF	F
S498BD	RCP #32 STATUS	OF	F
S498CD	RCP #33 STATUS	OF	F
S498DD	RCP #34 STATUS	OF	F
U0483	PRESSURIZER LEVEL 1/2/3 AVG		0.0 PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	9'	9.0 GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	7:	8.0 PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	7:	8.0 PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	7	8.0 PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	78	8.0 PCT
U0414	STM GEN A STM P 1/2/3 AVG	18	0.0 PSIG
U0434	STM GEN B STM P 1/2/3 AVG	18	0.0 PSIG
U0454	STM GEN C STM P 1/2/3 AVG	180	0.0 PSIG
U0474	STM GEN D STM P 1/2/3 AVG	18	0.0 PSIG
U1000	CONTAINMENT P 1/2/3 AVG	(0.0 PSIG
FT1200	AUX FD FLOW TO SG #31	10(0.0 GPM
FT1201	AUX FD FLOW TO SG #32	100	0.0 GPM
FT1202	AUX FD FLOW TO SG #33	100	0.0 GPM
FT1203	AUX FD FLOW TO SG #34	100	0.0 GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	18	8.8 FT
LTII28A	CONDENSATE STORAGE TANK LEVEL	18	8.8 FT
TC-1416	CONTAINMENT AVG TEMPERATURE	112	2.0 DEG F
LT-1255	CONTAINMENT SUMP LEVEL	4 (6.8 FT
LT-1256	CONTAINMENT SUMP LEVEL	4 (5.8 FT
LT=1251	RECIRCULATION SUMP LEVEL	46	5.8 FT
LI-1252	RECIRCULATION SUMP LEVEL	46	5.8 FT
LI-920 LT-921	CUENICAL CODAY ADDIMINE MANY INT	31	1.1 FT
HC-MCA	CONTATIONE H2 CONCENTRATION	84	1.0 PCT
HC-MCB	CONTRINMENT H2 CONCENTRATION	(J.2 PCT
	RULIS DVNAMIC HEAD DANCE	(J.2 PCT
LR002B	RVLIS DINAMIC HEAD RANGE		J.U PCT
LROOIA	RVLIS FULL BANGE		J.U PCT
LR001B	RVLIS FULL BANGE	40	
N-35	INTERMEDIATE BANGE DETECTOR	1 000-	-11 MDC
N-36	INTERMEDIATE RANGE DETECTOR	1.000-	-II AMPS
KISUR	INTERMEDIATE RANGE STADT-ID DATE	1.000-	-TT WWAR
N-31	SOURCE RANGE DETECTOR		DECPM
N-32	SOURCE RANGE DETECTOR	90	
KSSUR	SOURCE RANGE START-UD DATE	90	J.U CPS
U1169	PWR RNG NIICI, CHANNET DWD AUG O	(J.U DECPM
	THE REE REE AVG Q	(J.O PCT

#32

EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

#32

09/23/92 1445

.

PARAMETER

VALUE

R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	U	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		3.500E+01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	U	1.000E+03	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD	A	1.500E+01	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD	U	1.000E+06	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	Α	1.440E+04	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Α	1.440E+04	R/HR
R27	PLANT VENT RADIATION	Α	2.000E+06	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		4.000E+00	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR	Α	2.000E+01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR	Α	1.500E+03	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR	A	1.500E+02	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

E - ENTERED VALUE

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

#32 <u>TIME OF INFORMATION: 1445</u>

				·		T			
PARAMETER	0	s	os	REMARKS	PARAMETER	0	s	os	REMARK
Reactor Coolant Pumps #31 1		x			Serv. Water Pmps. #31 5A	x			
#32 4		x			(Essential Header) #32 2A	x			
#33_3		x			#33 6A	x			
#34 2		x			#34 5A	x			
Emergency D/G's #31 2A		x			#35 3A	x			
#32 6A		x			#36 6A	x			
#33 5A		x			RHR Heat Exchangers #31	x			
Offsite Power Avail 138KV	x				#32	X			
13.8KV	x				Comp. Cool Ht. Exch #31	x			
SIS Pumps #31 5A			x		#32	x			
#32 2A			x		Hydrogen Recombiner #31 5A		x		
#33 6A	×	ļ			#32 6A		x		
RHR Pumps #31 3A	x				VC Isolation			_	
#32 6A	x				(Phase A or B valves which			_	
Recirc Pumps #315A		x			are not in proper position)				
#32_6A		x							:
Aux. Bir. Feed Pumps #31 3A	X								
#32	x								
#33 6A	x				High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A			x		#32(GPM)	190			
#32 2A	x				#33(GPN)	0			
#33 5A	x				#34(GPM)	190			
#34 3A	x				Low Head SI Flow #31(GPM)	1000			
#35 6A	X				#32(GPM)	1000			
Cont. Spray Pumps #31 5A		x			#33(GPM)	1000			
#32 6A		x			#34(GPN)	1000			
Charging Pumps #31 5A	X				Accum. Level #31 (%)	0			
#32 3A	X				#32 (%)	0			
#33 6A	X				#33 (%)	0			
Component Cool. Pumps #31 5A	x				#34 (%)	0			
#32 2A	x				Gas Turbines GT-1		x		
#33 6A	x				(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A	x				GT-3		x		
#32 6A	x								
#33 5A	x				Appendix (R' D/G		x		
#34 6A	x								

IP-3 EMERGENCY PLANNING EXERCISE.

Date: 9/23/92

<u>Time: 1500</u>

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 33

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
TO:	MESSAGE	COMMENTS	CLASS
CCR	Plant status per Plant Status Log #33	CCR operators continue to use FR-C.1 as core cooling conditions improve.	GE

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

TIME: 1500

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 33

Plant status per Plant Status Log #33

- THIS IS A DRILL -

EP FORM 31a

	INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT	09/2 ~ 15	3/92 00
	PARAMETER	VALU	E
U1170	INCORE T/C TIME AVG VALUE	1100	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	1145	DEG F
U0484	RCL AVG TAVG	615	DEG F
U0486	RCL HOT AVG T	700	DEG F
PT-402	RCS PRESSURE - LOOP 1	90	PSIG
PT-403	RCS PRESSURE - LOOP 4	90	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	0	DEG F
TMARCETA	CET TEMP SAT MAR	0	DEG F
S498AD	RCP #31 STATUS	OFF	
S498BD	RCP #32 STATUS	OFF	
5498CD	RCP #33 STATUS	OFF	
S498DD	RCP #34 STATUS	OFF	
UU483	PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
	STEAM GENERATOR #31 W.R. LEVEL	80.0	PCT ,
101 - 427D	STEAM GENERATOR #32 W.R. LEVEL	80.0	PCT
	STEAM GENERATOR #33 W.R. LEVEL STEAM CENEDATOR #24 M D I DUDI	80.0	PCT
	SILAM GENERATOR #34 W.R. LEVEL	80.0	PCT
110434	SIM GEN A SIM P 1/2/3 AVG	150.0	PSIG
110454	SIM GEN D SIM P $1/2/3$ AVG	150.0	PSIG
U0474	STM GEN C SIM P $1/2/3$ AVG	150.0	PSIG
U1000	CONTAINMENT P $1/2/3$ AVC	120.0	PSIG
FT1200	AUX FD FLOW TO SG #31	100.0	CDM
FT1201	AUX FD FLOW TO SG #32	100.0	CDM
FT1202	AUX FD FLOW TO SG #33	100.0	CDM
FT1203	AUX FD FLOW TO SG #34	100.0	CDM
LT1128	CONDENSATE STORAGE TANK LEVEL	18.5	СГ M FT
LT1128A	CONDENSATE STORAGE TANK LEVEL	18.5	ት ት ፑጥ
TC-1416	CONTAINMENT AVG TEMPERATURE	109.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1256	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1251	RECIRCULATION SUMP LEVEL	46.8	FT
LT-1252	RECIRCULATION SUMP LEVEL	46.8	FT
LT-920	RWST LEVEL	29.7	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.2	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.2	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LRUUIA	RVLIS FULL RANGE	80.0	PCT
LROOIB	RVLIS FULL RANGE	80.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
N-36 NTCID	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
N-21	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-33 TC-N	SOURCE RANGE DETECTOR	90.0	CPS
N-25	SOURCE RANGE DETECTOR	90.0	CPS
1000K	DURCE KANGE START-UP RATE	0.0	DECPM
01103	PWR RNG NUCL CHANNEL RMP AVG Q	0.0	PCT

#33

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#33

EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1500

PARAMETER

VALUE

R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	U	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		3.500E+01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	U	1.000E+03	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD	Α	1.500E+01	R/HR
R11	CNMT AIR PARTICLE RADIATION	Α	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	Α	1.440E+04	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Α	1.440E+04	R/HR
R27	PLANT VENT RADIATION		7.700E+00	ÚCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	uci/cc
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		3.000E+00	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR	Α	1.500E+03	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR	A	1.500E+02	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

- E ENTERED VALUE

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

¥33 <u>TIME OF INFORMATION: 1500</u>

	· · · ·	-	· · ·		1				
PARAMETER	0	s	os	REMARKS	PARAMETER	0	s	OS	REMARK
Reactor Coolant Pumps #31 1		x			Serv. Water Pmps. #31 5A	x	<u>†</u>		3
#32 4		x			(Essential Header) #32 2A	x	T		
#33_3		x		· · · · · · · · · · · · · · · · · · ·	#33 6A	X			
#34 2		x			#34 5A	x	1		
Emergency D/G's #31 2A		x		· · · · · · · · · · · · · · · · · · ·	#35 3A	x			
#32 6A		x			#36 6A	x			
#33 5A		x			RHR Heat Exchangers #31	x			
Offsite Power Avail 138KV	x				#32	x			
13.8KV	X				Comp. Cool Ht. Exch #31	x			
SIS Pumps #31 5A			x		#32	x			
#32 2A			x		Hydrogen Recombiner #31 5A		x		
#33 6A	x				#32 6A		x		
RHR Pumps #31 3A	x				VC Isolation			•	
#32 6A	x				(Phase A or B valves which				
Recirc Pumps #31 5A		x			are not in proper position)				
#32 6A		x			·				<u>,</u> ,
Aux. Blr. Feed Pumps #31 3A	x								
#32	x						-		
#33 6A	x				High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A			x		#32(GPH)	240			
#32 2A	x				#33(GPM)	0			
#33 5A	x				#34(GPM)	240			
#34 3A	x				Low Head SI Flow #31(GPM)	1000			
#35 6A	x				#32(GPM)	1000]		
Cont. Spray Pumps #31 5A		x			#33(GPM)	1000			
#32 6A		x			#34(GPM)	1000			
Charging Pumps #31 5A	x				Accum. Level #31 (%)	0			
#32 3A	X				#32 (%)	0			
#33 6A	x				#33 (%)	0			
Component Cool. Pumps #31 5A	x				#34 (%)	0			
#32 2A	x				Gas Turbines GT-1		x		
#33 6A	x				(Call Con Edison) GT-2		x		
Aux. Comp. Cool Pumps #31 5A	x				GT-3		x		
#32 6A	x								
#33 5A	x				Appendix 'R' D/G		x		
#34 6A	x								

IP-3 EMERGENCY PLANNING EXERCISE

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Date: 9/23/92

<u>Time: 1515</u>

11

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 34

ISSUED TO:	SUMMARY OF MESSAGE	ANTICIPATED RESULTS COMMENTS	EMERG. CLASS
CCR	Plant status per Plant Status Log #34	Restoration of the core cooling function is progressing.	GE

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

TIME: 1515

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 34

Plant status per Plant Status Log #34

EP FORM 31a

	INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT	09/23 - 251	/92 .5
	PARAMETER	VALUE]
U1170	INCORE T/C TIME AVG VALUE	980	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	1020	DEG F
U0484	RCL AVG TAVG	615	DEG F
U0486	RCL HOT AVG T	700	DEG F
PT-402	RCS PRESSURE - LOOP 1	88	PSIG
PT-403	RCS PRESSURE - LOOP 4	88	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	0	DEG F
TMARCETA	CET TEMP SAT MAR	0	DEG F
S498AD	RCP #31 STATUS	OFF	
S498BD	RCP #32 STATUS	OFF	
S498CD	RCP #33 STATUS	OFF	
S498DD	RCP #34 STATUS	OFF	
U0483	PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	80.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	80.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	80.0	PCT
LT-447D	STEAM GENERATOR #34 W.R. LEVEL	80.0	PCT
U0414	STM GEN A STM P $1/2/3$ AVG	110.0	PSIG
U0434	STM GEN B STM P $1/2/3$ AVG	110.0	PSIG
U0454	STM GEN C STM P $1/2/3$ AVG	110.0	PSIG
U0474	STM GEN D STM P 1/2/3 AVG	110.0	PSIG
U1000	CONTAINMENT P 1/2/3 AVG	0.0	PSIG
FT1200	AUX FD FLOW TO SG #31	50.0	GPM
FT1201	AUX FD FLOW TO SG #32	50.0	GPM
FT1202	AUX FD FLOW TO SG #33	50.0	GPM
FT1203	AUX FD FLOW TO SG #34	50.0	GPM
LT1128	CONDENSATE STORAGE TANK LEVEL	18.2	\mathbf{FT}
LT1128A	CONDENSATE STORAGE TANK LEVEL	18.2	FT
TC-1416	CONTAINMENT AVG TEMPERATURE	105.0	DEG F
LT-1255	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1256	CONTAINMENT SUMP LEVEL	46.8	FT
LT-1251	RECIRCULATION SUMP LEVEL	46.8	\mathbf{FT}
LT-1252	RECIRCULATION SUMP LEVEL	46.8	FT
LT-920	RWST LEVEL	27.8	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.2	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.2	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LROOIA	RVLIS FULL RANGE	73.0	PCT
TROOTR	RVLIS FULL RANGE	73.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
N-20	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
KISUK	INTERMEDIATE RANGE START-UP RATE	0.0	DECPM
N-31	SOURCE RANGE DETECTOR	90.0	CPS
N-32	SOURCE RANGE DETECTOR	90.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR KNG NUCL CHANNEL RMP AVG Q	0.0	PCT

#39

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EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1515

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PARAMETER

E - ENTERED VALUE

VALUE

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R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	U	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		3.500E+01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	U	.1.000E+03	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD	A	1.500E+01	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	Α	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	Α	1.360E+04	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Α	1.360E+04	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR	A	1.300E+03	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR	A	1.500E+02	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING
	U - UNAVAILABLE OR OUT-OF-RANGE	s -	OUT OF SCAN	

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

#34 <u>TIME OF INFORMATION: 1515</u>

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			1			44		r		
	PARAMETER	0	S	OS	REMARKS	PARAMETER	0	S	os	REMARK S
	Reactor Coolant Pumps #31 1	ļ	×			Serv. Water Pmps. #31 5A	x			
	#32 4	<u> </u>	x			(Essential Header) #32 2A	×			
Ļ	#33_3		x	L		#33 6A	x			
	#34 2		x			#34 5A	x			
	Emergency D/G's #31 2A		x			#35 3A	×			
	#32 6A	ļ	×			#36 6A	x			
	#33 5A	ļ	x			RHR Heat Exchangers #31	x			
Ļ	Offsite Power Avail 138KV	x				#32	x			
	13.8KV	x				Comp. Cool Ht. Exch #31	x			
	SIS Pumps #31 5A			x		#32	x			
Ļ	#32 2A			x	:	Hydrogen Recombiner #31 5A		x		
Ļ	#33 6A	x	 			#32 6A		x		
	RHR Pumps #31 3A	X				VC Isolation				
	#32 64	x				(Phase A or B valves which				
	Recirc Pumps #315A		x			are not in proper position)				
	#32 6A		x							
	Aux. Blr. Feed Pumps #31 3A	×							<u>.</u>	
F	#32	×								
	#33 6A	x				High Head SI Flow #31(GPM)	0			
	Fan Cooler Units #31 5A			x		#32(GPM)	280			_
	#32 2A	x				#33(GPM)	0			
	#33 5A	x				#34(GPM)	280			
L	#34 3A	x				Low Head SI Flow #31(GPM)	1000			
	#35 6A	x				#32(GPH)	1000			
	Cont. Spray Pumps #31 5A		x			#33(GPM)	1000			
	#32 6A		x			#34(GPM)	1000			
L	Charging Pumps #31 5A	×				Accum. Level #31 (%)	0			
Ļ	#32 3A	x				#32 (%)	0			
	#33 6A	x				#33 (%)	0			
Ĺ	Component Cool. Pumps #31 5A	x				#34 (%)	0			
	#32 2A	x				Gas Turbines GT-1		x		
	#33 6A	x				(Call Con Edison) GT-2		x		
	Aux. Comp. Cool Pumps #31 5A	x				GT-3		x		
L	#32 6A	x								
Ļ	#33 5A	x				Appendix 'R' D/G		x		
L	#34 6A	x								

IP-3 EMERGENCY PLANNING EXERCISE

Date: 9/23/92

Time: 1530

14

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 35

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
TO:	MESSAGE	COMMENTS	CLASS
CCR	Plant status per Plant Status Log #35	Core cooling conditions improve.	GE



NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

TIME: 1530

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 35

Plant status per Plant Status Log #35

- THIS IS A DRILL -

EP FORM 31a

	INDIAN POINT UNIT 3	09/23	3/92
	EMERGENCY PLANT STATUS REPORT	"	80
	PARAMETER	VALUE	2
U1170	INCORE T/C TIME AVG VALUE	630	DEG F
U0090	INST VALUE OF HOTTEST INCORE T/C	640	DEG F
U0484	RCL AVG TAVG	615	DEG F
U0486	RCL HOT AVG T	626	DEG F
PT-402	RCS PRESSURE - LOOP 1	75	PSIG
PT-403	RCS PRESSURE - LOOP 4	75	PSIG
KHTMARCS	LOWEST RCS TEMP SAT MARGIN	м О	DEG F
TMARCETA	CET TEMP SAT MAR	0	DEG F
S498AD	RCP #31 STATUS	OFF	
S498BD	RCP #32 STATUS	OFF	
S498CD	RCP #33 STATUS	OFF	
S498DD	RCP #34 STATUS	OFF	
00483	PRESSURIZER LEVEL 1/2/3 AVG	0.0	PCT
FT-128	CHARGING PUMP DISCHARGE FLOW	99.0	GPM
LT-417D	STEAM GENERATOR #31 W.R. LEVEL	80.0	PCT
LT-427D	STEAM GENERATOR #32 W.R. LEVEL	80.0	PCT
LT-437D	STEAM GENERATOR #33 W.R. LEVEL	80.0	PCT
LT=44/D	STEAM GENERATOR #34 W.R. LEVEL	80.0	PCT
UU414 UO424	STM GEN A STM P 1/2/3 AVG	100.0	PSIG
00434	STM GEN B STM P $1/2/3$ AVG	100.0	PSIG
UU454 UO474	STM GEN C STM P 1/2/3 AVG	100.0	PSIG
UU474	STM GEN D STM P $1/2/3$ AVG	100.0	PSIG
01000 ET1200	NIX ED FLOW DO SC #21	0.0	PSIG
F11200	AUX FD FLOW TO SG #31	50.0	GPM
FT1201	AUX FD FLOW TO SG #32	50.0	CDM
FT1202	AUX FD FLOW TO SC $#34$	50.0	CDM
III205	CONDENSATE STOPACE TANK LEVEL	18 0	GFM FT
1.011280	CONDENSATE STORAGE TANK LEVEL	18 0	тт т
TC = 1416	CONTAINMENT AVG TEMPERATURE	105 0	DFC F
LT-1255	CONTAINMENT SIMP LEVEL	46.8	FT FT
LT-1256	CONTAINMENT SUMP LEVEL	46.8	*
LT-1251	RECIRCULATION SUMP LEVEL	46.8	ት ት ፑጥ
LT-1252	RECIRCULATION SUMP LEVEL	46.8	ምጥ
LT-920	RWST LEVEL	26.2	FT
LT-931	CHEMICAL SPRAY ADDITIVE TANK LVL	84.0	PCT
HC-MCA	CONTAINMENT H2 CONCENTRATION	0.2	PCT
HC-MCB	CONTAINMENT H2 CONCENTRATION	0.2	PCT
LR002A	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR002B	RVLIS DYNAMIC HEAD RANGE	0.0	PCT
LR001A	RVLIS FULL RANGE	90.0	PCT
LR001B	RVLIS FULL RANGE	90.0	PCT
N-35	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
N-36	INTERMEDIATE RANGE DETECTOR	1.000-11	AMPS
KISUR	INTERMEDIATE RANGE START-UP RATE	(* <u>\$</u> 0.0	DECPM
N-31	SOURCE RANGE DETECTOR	80.0	CPS
N-32	SOURCE RANGE DETECTOR	80.0	CPS
KSSUR	SOURCE RANGE START-UP RATE	0.0	DECPM
U1169	PWR RNG NUCL CHANNEL RMP AVG Q	0.0	PCT

#35

#35

EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

09/23/92 1530

PARAMETER

VALUE

R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	U	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		3.500E+01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	U	1.000E+03	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD	A	1.500E+01	R/HR
R11	CNMT AIR PARTICLE RADIATION	A	8.370E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	A	1.0 OE-02	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	A	1.360E+04	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Α	1.360E+04	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR	A	1.300E+03	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR	A	1.500E+02	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKIN

U - UNAVAILABLE OR OUT-OF-RANGE S - OUT OF SCAN E - ENTERED VALUE

G

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92

#35

TIME OF INFORMATION: 1530

. r		· · · · · · · · ·			<u></u>	n	T			
			.	-		19	<i></i>	,		
	PARAMETER	0	s	os	REMARKS	PARAMETER	o	s	os	REMARK S
	Reactor Coolant Pumps #31 1		x			Serv. Water Pmps. #31 5A	x			
	#32_4	ļ	x			(Essential Header) #32 2A	x			
	#33_3		x	L		#33 6A	x			
	#34 2		x			#34 5A	x			
ĺ	Emergency D/G's #31 2A		x			#35 3A	x			
	#32 6A	ļ	×			#36 6A	x			
	#33 5A		x			RHR Heat Exchangers #31	x			
┟	Offsite Power Avail 138KV	x				#32	x			
	13.8KV	x				Comp. Cool Ht. Exch #31	x			
	SIS Pumps #31 5A	ļ		x		#32	x			
	#32_2A	ļ	ļ	X		Hydrogen Recombiner #31 5A	Į	x		
╞	#33 6A	x	<u> </u>			#32 6A		x		
	RHR Pumps #31 3A	x				VC Isolation				
	#32 6A	×				(Phase A or B valves which				
	Recirc Pumps #31 5A		x			are not in proper position)				
	#32 64		x							
	Aux. Blr. Feed Pumps #31 3A	x								
	#32	x								
	#33 6A	x				High Head SI Flow #31(GPM)	0			
	Fan Cooler Units #31 5A			X		#32(GPM)	280			
	#32 2A	x				#33(GPN)	0			
	#33 5A	x				#34(GPM)	280			
	#34 3A	X				Low Head SI Flow #31(GPM)	1000			
	#35_6A	x				#32(GPM)	1000			
	Cont. Spray Pumps #31 5A		x			#33(GPM)	1000			
	#32 6A		x			#34(GPM)	1000			
	Charging Pumps #31 5A	x				Accum. Level #31 (%)	0			
┟	#32 3A	x				#32 (%)	0		·	
	#33 6A	x				#33 (%)	0			
ļ	Component Cool. Pumps #31 5A	x				#34 (%)	0			
	#32 2A	x				Gas Turbines GT-1		x		
	#33 6A	x				(Call Con Edison) GT-2		x		
	Aux. Comp. Cool Pumps #31 5A	x				GT-3		x		
	#32 64	x								
	#33 5A	X				Appendix 'R' D/G		X		
L	#34 6A	x								

Date: 9/23/92

Time: 1545

12

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 36

ISSUED TO:	SUMMARY OF MESSAGE	ANTICIPATED RESULTS COMMENTS	EMERG. CLASS
CCR	Plant status per Plant Status Log #36	The plant has been placed on internal recirculation.	R E
	A 24 HOUR time advance has	Recovery Discussions are	C O
	occurred.	initiated.	V E
			R Y

DATE: 9/23/92

TIME: 1545

INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 36

Plant status per Plant Status Log #36

A 24 HOUR time advance has occurred.

The plant has entered the Recovery Phase and discussions are to be initiated using the following:

RECOVERY PHASE INFORMATION

The plant has been placed on cold leg recirculation using the internal recirculation pumps.

Analysis of radiological data indicates that significant fuel damage has occurred with 100% of the "gap" being released, approximately 65% of the core experiencing severe overheat and approximately 15% of the fuel melted.

When moveable incore detectors are inserted into the core the detectors encounter obstructions approximately 2 feet from the top of the fuel in at least two locations in the core indicating some shift in core geometry.

Core exit thermocouple temperatures appear to be reliable and indicate that adequate cooling is being provided to the core preventing any further fuel damage.

High radiation levels in the containment building are consistent with the level of fission products and contaminants present in the water in the containment recirculation sump.

THIS IS A DRILL



#:36

EP FORM 31b

INDIAN POINT UNIT 3 EMERGENCY PLANT STATUS REPORT

#36

09/24/92 1545

PARAMETER

VALUE

R01	CONTROL ROOM RAD		0.000E+00	MR/HR
R02	AREA 2 RADIATION	U	1.000E+03	MR/HR
R04	CHARGING PUMP ROOM		1.000E-01	MR/HR
R05	FUEL STORAGE BUILDING RAD		3.500E+01	MR/HR
R06	SAMPLE ROOM RAD		6.000E-01	MR/HR
R07	IN CORE INS ROOM RAD	U	1.000E+03	MR/HR
R08	DRUMMING STATION RAD		8.000E-01	MR/HR
R10	STEAM LINE PENETRATIONS RAD		2.500E+00	R/HR
R11	CNMT AIR PARTICLE RADIATION	Α	2.090E-07	UCI/CC
R12	CONTAINMENT GAS RADIATION	А	2.510E-03	UCI/CC
R13	PLANT VENT AIR PARTICLE RAD		9.000E+02	CPM
R14	AUX BUILDING EXHAUST RAD		1.500E+03	CPM
R15	STEAM AIR EJECT EXHAUST RAD		1.700E-06	UCI/CC
R16A	CNMT CLNG HX SVC WTR OUT 1R		8.000E+03	UCI/CC
R16B	CNMT CLNG HX SVC WTR OUT 2R		8.000E+03	UCI/CC
R17A	CMPT CLG PUMP SUCT A HEADER RAD		3.000E+02	CPM
R17B	CMPT CLG PUMP SUCT B HEADER RAD		4.000E+02	CPM
R18	LIQUID WASTE DISPOSAL RADIATION		6.000E+03	UCI/CC
R19	STM GENER BLOWDOWN DRAIN 2 RAD		1.000E-11	UCI/CC
R23	CCW SERVICE WATER EFFLUENT		3.000E+03	UCI/CC
R25	CONTAINMENT HIGH RAD MONITOR 1	Α	3.210E+03	R/HR
R26	CONTAINMENT HIGH RAD MONITOR 2	Α	3.210E+03	R/HR
R27	PLANT VENT RADIATION		7.700E+00	UCI/S
Y9051A	STACK DISCHARGE AIR FLOW		60.0	KCFM
R59	RAMS BUILDING NOBLE GAS MONITOR		5.100E-09	UCI/CC
R62A	31 MAIN STEAM LINE		8.300E-04	UCI/CC
R62B	32 MAIN STEAM LINE		2.000E-04	UCI/CC
R62C	33 MAIN STEAM LINE		2.000E-04	UCI/CC
R62D	34 MAIN STEAM LINE		4.100E-04	UCI/CC
R63A	GROSS FAILED FUEL DETECTOR R63A		2.100E-01	UCI/CC
R63B	GROSS FAILED FUEL DETECTOR R63B		2.100E-01	UCI/CC
R64	PAB 55 FT AREA MONITOR		1.000E-01	MR/HR
R65	PAB 73 FT AREA MONITOR		1.000E-01	MR/HR
R66	PAB 34 FT AREA MONITOR		1.000E-01	MR/HR
R67	PAB 41 FT AREA MONITOR		2.000E-01	MR/HR
R68	PAB 15 FT AREA MONITOR		3.000E+00	MR/HR
R69	PIPE PEN 54 FT AREA MONITOR	А	3.300E+02	MR/HR
R70	FAN HOUSE 77 FT AREA MONITOR	A	1.000E-01	MR/HR
	A - IN ALARM	х –	OUT OF ALAR	M CHECKING

U - UNAVAILABLE OR OUT-OF-RANGE S - OUT OF SCAN E - ENTERED VALUE

EP-FORM #31c

IP-3 PLANT STATUS LOG DATE: 9/23/92



#36 TIME OF INFORMATION: 1545

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PARAMETER	0	S	os	REMARKS	PARAMETER	ο	s	o s	REMARKS
Reactor Coolant Pumps #31 1		x			Serv. Water Pmps. #31 5A	· x			
#32 4		x			(Essential Header) #32 2A	x	<u> </u>		
#33 3		x			#33 6A	x			
#34 2		x	- A		#34 5A	x			
Emergency D/G's #31 2A		x			#35 3A	x			
#32 6A		x			#36 6A	x			
#33 5A	<u> </u>	x			RHR Heat Exchangers #31	x			
Offsite Power Avail 138KV	x	<u> </u>			1/32	x			
13.8KV	x				Comp. Cool Ht. Exch #31	x			
SIS Pumps #31 5A			x		#32	x			
#32 2A			x		Hydrogen Recombiner #31 5A		x		
#33 6A		x			#32 6A		x		
RHR Pumps #31 3A		x			VC Isolation				
#32 6A		x			(Phase A or B valves which				
Recirc Pumps #31 5A	x				are not in proper position)				
#32 6A	x			•					
Aux. Bir. Feed Pumps #31 3A		x							
#32	ļ	x							
#33 6A		x			High Head SI Flow #31(GPM)	0			
Fan Cooler Units #31 5A			x		#32(GPM)	0			
#32 2A	x				#33(GPM)	0			
#33 5A	x				#34(GPM)	0			
#34 3A	x				Low Head SI Flow #31(GPM)	1000			
#35 6A	x				#32(GPM)	1000			
Cont. Spray Pumps #31 5A		x			#33(GPM)	1000			
#32 6A		x			#34(GPM)	1000		·	
Charging Pumps #31 5A	x				Accum. Level #31 (%)	0			
#32 3A		x			#32 (%)	0			
#33 6A		x			#33 (%)	0			
Component Cool. Pumps #31 5A	x				#34 (%)	0			
#32 2A	x				Gas Turbines GT-1		x		
#33 6A	x				(Call Con Edison) GT-2		x	†	
Aux. Comp. Cool Pumps #31 5A	x				OT-3		x		
#32 6A	x							$\neg \uparrow$	
#33 SA	x				Appendix 'R' D/G		x		
13 4 6A	x								

IP-3 EMERGENCY PLANNING EXERCISE,

Date: 9/23/92

Time: 1600

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INDIAN POINT NO. 3 SCENARIO

MESSAGE NUMBER: 37

ISSUED	SUMMARY OF	ANTICIPATED RESULTS	EMERG.
<u></u>	MESSAGE	COMMENTS	CLASS

CCR Drill is terminated.

NOTE: INFORMATION ON THIS SHEET IS FOR CONTROLLER USE ONLY

DATE: 9/23/92

TIME: 1600

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INDIAN POINT NO. 3 SCENARIO

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MESSAGE NUMBER: 37

The drill is terminated.

- THIS IS A DRILL -

SECTION 6

22

FIELD REPORTS

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<u>NEW YORK POWER AUTHORITY</u> INDIAN POINT NO. 3 NUCLEAR POWER PLANT

1992 NRC OBSERVED FULL PARTICIPATION EXERCISE

<u>SEPTEMBER 23, 1992</u>
PRACTICE EXERCISE

1992

Field Report # 1____

<u>Time:</u> 0715

15' Elevation South Loading Well Area Location:

Information to be Provided to: Nuclear Plant Operator

N/A General Area Radiation Levels:

Specific Area Radiation Levels: N/A

Visual Description at Scene: Normal daily shift routine

Instructions to Controller/Observer:

Inform the Nuclear Plant Operator that the east end of the loading well area is full of smoke that appears to be coming from the oil storage area.

PRACTICE EXERCISE

1992

Field Report # 1-A

<u>Time:</u> 0715 - 0720 (when Fire Brigade Leader is on scene)

Location: 15' Elevation South Loading Well

Information to be Provided to: Fire Brigade Leader

General Area Radiation Levels: N/A

Specific Area Radiation Levels: N/A

<u>Visual Description at Scene:</u> Fire brigade is on scene and trying to determine exact source of smoke.

Instructions to Controller/Observer:

Inform the Fire Brigade Leader that smoke and flames are coming from under door of Oil Storage Room.

PRACTICE EXERCISE

1992

Field Report # 2____

Time: 0730

Location: 15' Elevation Oil Storage Area

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Information to be Provided to: Fire Brigade Leader

General Area Radiation Levels: N/A

Specific Area Radiation Levels: N/A

Visual Description at Scene: Fire brigade has extinguished fire in the oil storage room.

Instructions to Controller/Observer:

Inform the Fire Brigade Leader that the fire is out. The fire was caused by a faulty electrical box which ignited fumes/oil in room.



PRACTICE EXERCISE

1992

Field Report # 3

Time: 1030

Safety Injection Pump Room - PAB Location:

Information to be Provided to: Nuclear Plant Operator

<u>General Area Radiation Levels:</u> As Read

Specific Area Radiation Levels: As Read

Visual Description at Scene: NPO is checking SI Pump #32 for possible cause of failure.

Inform the NPO that the Instructions to Controller/Observer: area smells of scorched insulation and that paint on the pump motor is blistered. The motor is very hot to the touch. NOTE: If asked - NO VALVES ARE MISALIGNED.

PRACTICE EXERCISE

1992

Field Report # 3-A

Time: 1045 or when NPO or technician is directed to 480V SWGR room to check 480V AC breaker for #32 Safety Injection Pump

Location: 480V Switchgear Room - 15' El. Control Bldg.

Information to be Provided to: NPO or technician

General Area Radiation Levels: N/A

Specific Area Radiation Levels: N/A

<u>Visual Description at Scene:</u> Individual has been directed to check 480V breaker for #32 Safety Injection Pump for possible cause of trip.

Instructions to Controller/Observer: Inform the NPO or technician that the breaker has tripped on thermal overload.

PRACTICE EXERCISE

1992

Field Report # 4____

<u>Time:</u> 1115

Location: 15' El. Control Bldg. - 480V Switchgear Room

Information to be Provided to: Conventional NPO

General Area Radiation Levels: N/A

Specific Area Radiation Levels: N/A

<u>Visual Description at Scene:</u> NPO is checking bus 6A for possible cause of fault.

Instructions to Controller/Observer:

Inform the NPO that the room smells of scorched insulation. NO FIRE OR SMOKE ARE VISIBLE. The 86 relay for the normal feeder breaker is tripped and the supervisory light for the 86 device is not lit. The 480V AC breaker for MCC-37 is closed indicating that it failed to strip when the SI was actuated.

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PRACTICE EXERCISE

1992

Field Report # <u>4-A</u>

<u>Time:</u> When repair team arrives to investigate cause of electrical fault on bus 6A.

Location: 15' El. Control Bldg. - 480V Switchgear Room

Information to be Provided to: Repair team leader

General Area Radiation Levels: N/A

Specific Area Radiation Levels: N/A

<u>Visual Description at Scene:</u> Repair team is investigating possible solutions for removal of electrical fault from bus 6A.

Instructions to Controller/Observer:

Inform the repair team that the 480V breaker for MCC-37 will not open. Investigation of the bus work indicates no physical damage however removal of the MCC breaker is impossible until the breaker can be opened. NOTE: Removal of the load side leads for MCC-37 will clear the fault. Performing a megger test will find that the electrical fault is on MCC-37.

PRACTICE EXERCISE

1992

Field Report # <u>4-B</u>

<u>Time:</u> 1115-1430

Location: PAB at MCC-37

Information to be Provided to: Nuclear NPO

General Area Radiation Levels: N/A

Specific Area Radiation Levels: N/A

<u>Visual Description at Scene:</u> NPO is checking MCC-37 for possible cause of electrical fault.

Instructions to Controller/Observer:

Inform the NPO that the breaker for the PAB supply fan is damaged. The breaker cubicle door is hanging open and the breaker and associated bus work is physically damaged. NO FIRE is present however the area does smell of scorched insulation.

PRACTICE EXERCISE

1992

Field Report # 5____

Time: 1430

480V Switchgear Room Location:

Information to be Provided to: Repair Team Leader

General Area Radiation Levels: N/A

Specific Area Radiation Levels: N/A

Visual Description at Scene: Repair Team is attempting to remove load side leads from bus 6A for MCC-37 in an attempt to clear the MCC fault off of bus 6A.

Instructions to Controller/Observer:

Inform the Repair Team Leader that the leads have been removed. Further testing indicates that the fault on Bus 6A has been cleared.

PRACTICE EXERCISE

1992

Field Report # 6____

<u>Time:</u> 1430

Location: PAB entrance to piping penetration area

Information to be Provided to:

Repair Team Leader

General Area Radiation Levels:See Area Survey MapSpecific Area Radiation Levels:See Area Survey Map

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Visual Description at Scene: Repair Team dressing to enter piping penetration area to investigate possible sources of leakage from the containment building.

Instructions to Controller/Observer:

When the repair team enters the piping penetration area inform them that a small amount of vapor is escaping around the gasket on the blind flange installed on penetration "XX". A small amount of condensation is on the floor under the penetration.

PRACTICE EXERCISE

1992

Field Report # 6A

<u>Time:</u> 1445 - 1530

Location: PAB piping penetration area

Information to be Provided to: Repair Team Leader

General Area Radiation Levels: See Area Survey Map

Specific Area Radiation Levels: See Area Survey Map

Visual Description at Scene: Repair Team is making preparations to attempt to tighten the flange bolts on the blind flange installed on penetration "XX".

Instructions to Controller/Observer:

Inform the repair team that the leakage of vapor out of the flange has ceased (VC pressure is atmospheric).

PRACTICE EXERCISE

1992

Field Report # <u>6B</u>

<u>Time:</u> 1445 - 1530

Location: Piping penetration area

Information to be Provided to: Repair Team Leader

General Area Radiation Levels: See Area Survey Map

Specific Area Radiation Levels: See Area Survey Map

Visual Description at Scene: Repair Team is using a wrench to tighten the flange bolts at penetration "XX".

Instructions to Controller/Observer:

Inform the repair team that several of the bolts were able to be moved indicating that the gasket was not evenly compressed. After tightening all of the bolts evenly the flanged joint is repaired.

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EMERGENCY RESPONSE CENTER MESSAGES

All messages for personnel in the Headquarters Emergency Response Center will be given to the Recovery Manager by the ERC Controller/Observer. The distribution of these messages varies with the time frame of the scenario. The Recovery Manager should give the message to the appropriate Emergency Manager for action.

<u>Message To</u>: Manager - Scheduling and Planning

Emergency Class: SAE

<u>Message</u>: The Site has requested that Headquarters arrange to have an INPO Liaison report to the Site as per the INPO membership agreement. This liaison should have the necessary authority to request and obtain needed equipment and supplies from other utilities.

<u>Message To</u>: Manager - Public Relations

Emergency Class: SAE

<u>Message</u>: The receptionist has transferred a telephone call from a Mr. I. M. Nosey of the Gannett newspaper chain. Mr. Nosey is requesting an interview with NYPA Senior Management regarding the accident at Indian Point. He would like answers to the following questions:

What is the nature of the accident?

How many people have been injured?

What is the latest status report from the plant?

Have there been any press briefings at the plant?

What other information could you give me that would be of interest to our readers?

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Message To: Manager - Public Relations

Emergency Class: General Emergency

Message: Barbara Waters, Moderator of the ABC news program "Reaction", would like to arrange for the Authority's President to appear on tomorrow's show. She would also like to have live camera footage from the site.

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<u>Message To:</u> Manager - Administration and Logistics

Emergency Class: General Emergency

Message: The Emergency Director has requested that Headquarters begin to investigate the availability of housing for the anticipated influx of workers who will be needed at the Site for recovery operations.

Message To: Manager - Radiological

<u>Emergency Class</u>: General Emergency

<u>Message</u>: Mr. X. Poser is on the phone with the following questions:

"There were two men in front of my house taking some kind of readings or measurements. I'll bet they were checking my house for radiation. Is there something bad out there that you aren't telling us about? What's really going on? Is my hair going to fall out from the radiation?"

Message To: Manager - Insurance

Emergency Class: Recovery

Message: The receptionist has transferred a telephone call from a Mr. W. Cares (a resident of Peekskill) who was involved in a traffic accident while evacuating his family. Mr. Cares wants to file a claim against the Authority for the damages.

<u>Message To</u>: Manager - Legal Affairs

Emergency Class: Recovery

Message: The Site has requested that Headquarters investigate the possibility of securing a lease for a plot of land near the Site from which recovery operations can be coordinated.

SECTION 7

RADIOLOGICAL DATA

NEW YORK POWER AUTHORITY INDIAN POINT NO. 3 NUCLEAR POWER PLANT

1992 NRC OBSERVED FULL PARTICIPATION EXERCISE

SEPTEMBER 23, 1992

Table	I	Radiological Release Data Overview
Table	IIA	VC Activities (PRELOCA) Marinelli
		Activity
Table	IIB	Post Accident Samples
		- VC Atmosphere
		- RCS Concentration
		- VC Sump Concentration
		- PV Concentration
Table	III	Reuter Stokes/Verification Point Data
Table	IVA	Centerline Dose Rates at Affected Miles
Table	IVB	10 ⁻⁶ Dose Rates at Affected Miles
Table	IVC	10 ⁻⁷ Dose Rates at Affected Miles
Table	IVD	10 ⁻⁸ Dose Rates at Affected Miles
Table	IVE	10 ⁻⁹ Dose Rates at Affected Miles
Table	IVF	10 ⁻¹⁰ Dose Rates at Affected Miles
Table	IVG	Offsite Iodine Concentration
Table	V	Offsite Air Sample Data
Table	VI	Offsite Survey Maps/Site Perimeter Maps
Table	VII	TSC Radiation Monitors/Assembly Area
		Radiation Readings
Table	VIII	Inplant Survey Maps
Table	IX	R-24/R-24A Data

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TABLE I

RADIOLOGICAL RELEASE DATA OVERVIEW

Scenario <u>Time</u>	Wind Direction (Degrees From)	Wind Speed m/sec (MPH)	Pasquill <u>Category</u>	R-27 <u>µCi/sec</u>	R-25/26 (R/hr)
0700 0715 0730 0745 0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215	180 180 182 183 184 185 185 185 187 188 190 190 190 192 193 193 193 195 195 197 197 200 200 200 202	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	C	7.7E0	<1 / / / 2 35 850 8.00E3 1.25E4
1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545	202 204 205	4.0 (8.8) 4.0 (8.8) 4.2 (9.24) 4.0 (8.8) 4.0 (8.8)	D	6.72E8 6.30E8 6.14E8 6.06E8 5.81E8 5.06E8 1.25E8 2.00E6 7.70E0	1.75E4 2.08E4 2.08E4 2.08E4 1.92E4 1.92E4 1.76E4 1.76E4 1.44E4 1.44E4 1.36E4 1.36E4 3.20E3

TABLE IIA

VAPOR CONTAINMENT ACTIVITIES (PRE LOCA)

MARINNELLI ACTIVITY

<u>Time</u>: 0430

Ar-41	6.37E-6	μ Ci/cc
Xe-133	7.60E-5	µCi/cc
Xe-135	2.48E-6	<u>µCi/cc</u>
Total	8.48E-5	µCi/cc

<u>Time</u>: 0800

Ar-41	6.33E-6	µCi/cc
Kr-85m	3.04E-7	µCi/cc
Xe-133	8.69E-5	µCi/cc
Xe-135	9.20E-6	<u>µCi/cc</u>
Total	1.03E-4	µCi/cc

<u>Time</u>: 0930

Ar-41	1.6 E-4 <i>µ</i> Ci/cc
Kr-85m	1.3 E-5 μ Ci/cc
Xe-133	3.5 E-3 μ Ci/cc
Xe-135	$1.65E-3 \mu Ci/cc$
Total	5.32E-3 µCi/cc

09/23/92

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TABLE IIB

POST ACCIDENT SAMPLES

3 HOURS AFTER SHUTDOWN

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	VC ATMOS	RCS	VC SUMP	PV
	CONC	CONC	CONC	CONC
NUCLIDE	<u>(µCi/cc)</u>	<u>(µCi/cc)</u>	<u>(µCi/cc)</u>	<u>(µCi/cc)</u>
Kr-85	3.72E+00	3.95E+00	2.19E+01	1.15E-01
Kr-85m	3.63E+01	3.86E+01	2.13E+02	1.07E+00
Kr-87	2.03E+01	2.16E+01	1.19E+02	.72E+00
Kr-88	6.99E+01	7.42E+01	4.10E+02	1.91E+00
Xe-131m	1.63E+00	1.73E+00	9.59E+00	4.38E-02
Xe-133	5.15E+02	5.46E+02	3.02E+03	1.45E+01
Xe-133m	1.04E+02	1.11E+02	6.13E+02	2.94E+00
Xe-135	4.36E+01	4.63E+01	2.56E+02	1.23E+00
Xe-135m	2.85E-02	3.03E-02	1.67E-01	8.03E-04
I-131	2.61E+00	1.32E+04	2.89E+04	5.07E-06
I-132	4.01E-01	2.02E+03	4.42E+03	7.76E-07
I-133	4.90E+00	2.47E+04	5.41E+04	9.47E-06
I-134	1.57E-01	7.92E+02	1.74E+03	3.04E-07
I-135	3.51E+00	1.77E+04	3.88E+04	6.80E-06
Cs-137	2.09E-02	1.05E+03	2.33E+03	5.90E-05
Te-129	7.17E-02	3.61E+03	7.99E+03	2.02E-04
Te-132	3.65E-01	1.84E+04	4.07E+04	1.03E-03
Ba-140	3.55E-02	1.79E+03	3.96E+03	1.00E-04
La-140	3.78E-02	1.92E+03	4.21E+03	1.06E-04
La-142	9.75E-03	4.92E+02	1.09E+03	2.75E-05
Pr-144	1.91E-03	9.64E+01	2.13E+02	5.40E-06
ጥር ተልጉ እርጥ	8-07E+02	8.66E+04	1.93E+05	2.24E+01
NOBLE GAS	7.95E+02	8.44E+02	4.67E+03	2.24E+01

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TABLE III

REUTER STOKES / VERIFICATION POINT DATA

TIME	SECTOR	REUTER STOKES (mR/hr)	VERIFICATION POINT (mR/hr)		
0700 - 1259	ALL	BKGD	BKGD		
1300 - 1314	3	BKGD	1300		
	All Others	BKGD	BKGD		
1315 - 1329	2	1200	1200		
	3	1.3	800		
	All Others	BKGD	BKGD		
1330 - 1414	2	1100	1100		
	3	1.2	700		
	All Others	BKGD	BKGD		
1415 - 1429	2	900	900		
	3	0.8	550		
	All Others	BKGD	BKGD		
1430 - 1444	2	750	750		
	3	0.6	400		
	All Others	BKGD	BKGD		
1445 - 1459	2	100	100		
	3	0.1	25		
	All Others	BKGD	BKGD		
1500 - 1514	2	1.5	2		
	All Others	BKGD	BKGD		
1515 - END	ALL	BKGD	BKGD		

TABLE IVA

CENTERLINE DOSERATES AT AFFECTED MILES

AFFECTED MILE (mR/hr)

TIME	_1	2	3	4	5	6	7	8	9	10
0700 - 1314*	BKGD-						·			>
1315 - 1329	3440	1300	BKGD							>
1330 - 1344	3230	1200	630	430	BKGD					····>
1345 - 1359	3140	1200	630	430	320	240	BKGD			>
1400 - 1414	3100	1200	620	420	320	230	190	170	BKGD	>
1415 - 1429	2560	970	510	350	260	190	160	140	120	100
1430 - 1444	2230	850	450	300	230	170	140	120	100	90
1445 - 1459	550	210	110	70	60	50	40	30	25	20
1500 - 1514	8	3	2	1	.9	.7	.6	.5	.4	.4
1515 - END	BKGD									>

Between 1300 - 1314, Verification Point #3 Dose Rate = 1300 mR/hr.
 The location is approximately 1/2 mile from the plant.

~ 09/23/92

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TABLE IVB

10⁻⁶ DOSE RATES AT AFFECTED MILES

AFFECTED MILE (mR/hr)

TIME	1	2	3	4	5	6	ີ 7	8	9	10
0700-1314	BKGD					• • • • • • •	ier (en (en (en (en (en (~ ~ ~ ~ ~ ~ ~	
1315-1329	344	130	BKGD							
1330-1344	323	120	63	43	BKGD					
1345-1359	314	120	63	43	32	24	BKGD			
1400-1414	310	120	62	42	32	23	19	17	BKGD	
1415-1429	256	97	51	35	26	19	16	14	12	10
1430-1444	223	85	45	30	23	17	14	12	10	9
1445-1459	55	21	11	7	6	5	4	3	2.5	2
1500-1514	.8	.3	.2	.1	.09	.07	.06	.05	.04	.04
1515-END	BKGD									

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TABLE IVC

10⁻⁷ DOSE RATES AT AFFECTED MILES

AFFECTED MILE (mR/hr)

TIME	1	2	3	4	5	6	` 7	8	9	10
0700-1314	BKGD						~			
1315-1329	34	13	BKGD							
1330-1344	32	12	6	4	BKGD		_ ~			
1345-1359	31	12	6	4	3	2	BKGD			
1400-1414	31	12	6	4	3	2	2	1.7	BKGD	
1415-1429	25	10	5	3.5	2.6	2	1.6	1.4	1.2	1
1430-1444	22	8.5	4.5	3	2	1.7	1.4	1.2	1	.9
1445-1459	55	2	1	.7	.6	.5	.4	.3	.3	.2
1500-1514	.08	.03	.02	.01	BKGD					
1515-END	BKGD								• • • •	

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TABLE IVD

10⁻⁸ DOSE RATES AT AFFECTED MILES

AFFECTED MILE (mR/hr)

TIME	1	2	3	4	5	6	7	8	9	10
0700-1314	BKGD									
1315-1329	3	1.3	BKGD							
1330-1344	3	1.2	.6	.4	BKGD					4
1345-1359	3	1.2	.6	.4	.3	.2	BKGD			
1400-1414	3	1.2	.6	.4	.3	.2	.2	.17	BKGD	
1415-1429	2.5	1.0	.5	.4	.3	.2	.16	.14	.12	.1
1430-1444	2.2	.85	.45	.3	. 2	.17	.14	.12	.1	.09
1445-1459	.55	.2	.1	.07	.06	.05	• 0,4	.03	.03	.02
1500-1514	BKGD	****								• ••• ••• ••• •••
1515-END	BKGD									

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TABLE IVE

10⁻⁹ DOSE RATES AT AFFECTED MILES

AFFECTED_MILE (mR/hr)

TIME	1	2	3	4	5 ⁻	6	7	8	9	10
0700-1314	BKGD									
1315-1329	.3	.13	BKGD							•+
1330-1344	.3	.12	.06	.04	BKGD					
1345-1359	.3	.12	.06	.04	.03	.02	BKGD			
1400-1414	.3	.12	.06	.04	.03	.02	.02	.02	BKGD	
1415-1429	.25	.1	.05	.04	.03	.02	.02	.01	.01	.01
1430-1444	.2	.08	.04	.03	.02	.02	.01	.01	.01	.01
1445-1459	.06	.02	.01	BKGD						
1500-1514	BKGD				_ # # = = •					
1515-END	BKGD									

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TABLE IVF

10⁻¹⁰ DOSE RATES AT AFFECTED MILES

AFFECTED MILE (mR/hr)

TIME	1	2	3	4	5	6	7	8	9	10
0700-1314	BKGD									• -•
1315-1329	.03	.01	BKGD							
1330-1344	.03	.01	BKGD							
1345-1359	.03	.01	BKGD							
1400-1414	.03	.01	BKGD							
1415-1429	.03	.01	BKGD							
1430-1444	.02	BKGD ·								
1445-1459	BKGD									
1500-1514	BKGD			- 4- 4- 4- 4- 4- 4-						·#
1515-END	BKGD									

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<u>TABLE IVG</u> OFFSITE IODINE CONCENTRATION (µC1/cc)									
AFFECTED MILE									
TIME	1	2	3	4	5	6	7	8	9 10
0700-1259	BKGD								>
1300-1314*	BKGD								>
1315-1329	8E-7	3.04E-7	BKGD	· · · · · · · · · · · · · · · · · · ·					>
1330-1344	7.5E-7	2.85E-7	1.46E-7	1E-7	BKGD)			>
1345-1359	7.3E-7	2.7E-7	1.46E-7	9.85E-8	BKGD				>
1400-1414	7.2E-7	2.7E-7	1.45E-7	9.85E-8	BKGD				>
1415-1429	6.9E-7_	2.6E-7	1.4E-7	9.4E-8	BKGD		•••		>
1430-1444	6E-7	2.3E-7	1.2E-7	8.2E-8	BKGD				>
1445-1459	1.5E-7	BKGD							>
1500-1514 BKGD>									
1515-END BKGD>									
 The Offsite monitoring teams may be sent to Verification Point #3 which is approximately 1/2 mile from the plant. The Iodine concentration at that point = 3.0E-7 uCi/cc using a frisker type instrument. 									
NOTE: The calculation below will be used to convert uCi/cc to cpm assuming 50 cpm - BKGD, 10 ft ³ air sample and using a frisker type instrument for counting.									
Charcoal cartridge (silver zeolite) <u>uCi = (ncpm)(4.6E-9)</u> cc ft ³									
eg. 3E-7 uCi/cc @ 2 mi = $x(4.6E-9)$ therefore, X = 652 cpm 10 ft ³									

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TABLE V

OFFSITE AIR SAMPLE DATA

Using a FRISKER type Instrument

<u>Dose Rate (mR/hr)</u>	Particulate (cpm)	<u>Iodine (cpm)</u>
3500 - 2501	As Read	1500
2500 - 1501		1300
1500 - 501		500
500 - 401		400
400 - 301		200
300 - 201		80
200 - 101		50
100 - 51		25
50 - 0		10
	4	



Dose Rate (mR/hr)	Particulate (cpm)	Iodine	Iodine (cpm)		
		SAM-2	MS-1		
3500 - 2501	As Read	10,000	14,000		
2500 - 1501	Í	9,000	12,400		
1500 - 501		3,400	4,800		
500 - 401		2,600	3,800		
400 - 301		1,400	1,900		
300 - 201		550	760		
200 - 101		340	480		
100 - 51		170	240		
50 - 0	\checkmark	70	100		

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TABLE VI

OFFISTE SURVEY MAPS/SITE PERIMETER MAPS

Due to their size, the offsite survey maps are given to the assigned Observer/Controller.

See attached for the site perimeter maps.

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Date: 9/23/92 Time: 1330 - 1414

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All readings are in mR/hr









Date: 9/23/92 Time: 1500 - 1514

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All readings are in mR/hr



All readings are BKGD

Date: 9 23 92

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Time: 1515-END



TABLE VII

TSC RADIATION MONITORS/ASSEMBLY AREA RADIATION READINGS

TSC Radiation Monitor Readings

Time	RAM 4021 (R-44A)	RAM 4022 (R-44B)	RAM 4023 (R-44C)	RAM 4024 (R-44D)	
0700-1600	BKGD	BKGD	BKGD	BKGD	

Assembly Area Radiation Reading (mR/hr)

Assembly Area	<u>0700 - 1600</u>
15' Elevation Machine Shop	BKGD
Warehouse	BKGD
Construction Trailer	BKGD
Training	BKGD
2nd Floor Admin. Bldg. Lunch Room	BKGD
EOF	BKGD
Main Security Building	BKGD

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TABLE VIII

INPLANT SURVEY MAPS






















































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TABLE IX

R-24/R-24A DATA

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0700	-	1259
1300	-	1314
1315	-	1329
1330	-	1344
1345	-	1359
1400	-	1414
1415	-	1429
1430	-	1444
1445	-	1459
1500	-	END

<u>R-24 (mR/hR)</u> As Read 1875 4375

875

94

12.5

As Read 300,000 700,000

700,000 700,000 700,000 700,000

140,000

15,000

2,000

R-24A (mR/hr)

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SECTION 8

METEOROLOGICAL DATA

<u>NEW YORK POWER AUTHORITY</u> INDIAN POINT NO. 3 NUCLEAR POWER PLANT

1992 NRC OBSERVED FULL PARTICIPATION EXERCISE

SEPTEMBER 23, 1992

I. SCENARIO METEOROLOGICAL DATA - ACTUAL

II. SCENARIO METEOROLOGICAL DATA - FORECAST

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TABLE I METEOROLOGICAL DATA - ACTUAL

	WIND DIRECTION	WIND SPEED	PASQUILL	AIR TEMP.	GENERAL
TIME	• FROM	M/SEC (MPH)	CATEGORY	(F°)	WEATHER
0700	180	3.5 (7.7)	D	50	CLEAR
0715	180	3.5 (7.7)	D	50	CLEAR
0730	182	3.6 (7.92)	D	50	CLEAR
0745	183	3.5 (7.7)	D	50	CLEAR
0800	184	3.6 (7.92)	D	51	CLEAR
0815	185	3.7 (8.14)	D	51	CLEAR
0830	185	3.7 (8.14)	D	52	CLEAR
0845	187	3.6 (7.92)	D	52	CLEAR
0900	188	3.6 (7.92)	D	53	CLEAR
0915	190	3.6 (7.92)	D	54	CLEAR
0930	190	3.7 (8.14)	D	55	CLEAR
0945	192	3.7 (8.14)	С	55	CLEAR
1000	193	3.8 (8.36)	С	57	CLEAR
1015	193	3.8 (8.36)	С	57	CLEAR
1030	195	3.8 (8.36)	С	58	CLEAR
1045	195	3.7 (8.14)	С	58	CLEAR
1100	197	3.7 (8.14)	С	60	CLEAR
1115	197	3.7 (8.14)	С	60	CLEAR
1130	200	3.7 (8.14)	С	62	CLEAR
1145	200	3.7 (8.14)	С	63	CLEAR
1200	200	3.9 (8.58)	С	65	CLEAR
1215	202	3.9 (8.58)	С	66	CLEAR
1230	202	4.0 (8.8)	С	67	CLEAR
1245	204	4.0 (8.8)	С	69	CLEAR
1300	205	4.2 (9.24)	D	70	CLEAR
1315	205	4.2 (9.24)	D	70	CLEAR
1330	205	4.2 (9.24)	D	71	CLEAR
1345	205	4.2 (9.24)	D	71	CLEAR
1400	205	4.2 (9.24)	D	71	CLEAR
1415	205	4.2 (9.24)	D	71	CLEAR
1430	205	4.2 (9.24)	D	71	CLEAR
1445	205	4.2 (9.24)	D	70	CLEAR
1500	205	4.2 (9.24)	D	70	CLEAR
1515	205	4.2 (9.24)	D	69	CLEAR
1530	205	4.2 (9.24)	D	69	CLEAR
1545	200	4.0 (8.8)	D	68	CLEAR
1600	200	4.0 (8.8)	D	68	CLEAR



<u>TABLE II</u>					
METEOROLOGICAL	DATA	-	FORECAST		

TIME	WIND SPEED (MPH)	CD	WIND DIRECTION (DEGREES)	CD	RAIN (INCHES)	CD	CLASS (PASQUILL)
0700	7.5	0	178	0	,0	0	D
0800	7.7	0	180	0	0	0	D
0900	7.8	0	185	0	0	0	D
1000	8.14	0	190	0	0	0	D
1100	8.14	0	195	0	0	0	С
1200	8.14	0	195	0	0	0	С
1300	8.8	0	200	0	0	0	С
1400	9.24	0	205	0	0	0	D
1500	8.8	0	203	0	0	0	D
600	8.8	0	200	0	0	0	D
700	8.36	0	40	0	0	0	E
1800	8.36	0	40	0	0	0	E
1900	8.36	0	40	0	0	0	E
2000	8.36	0	40	0	0	0	E .
2100	8.14	0	35	0	0	0	Ē
2200	8.14	0	35	0	0	0	E
2300	8.14	0	30	0	0	0	E
2400	8.14	0	30	0	0	0	Ε
0100	8.36	0	30	0	0	0	D
0200	8.36	0	25	0	0	Ô	D
0300	8.36	0	25	0	0	0	D
0400	8.8	0	180	0	0	0	D
0500	8.8	0	180	0	. 0	0	D
0600	8.8	0	180	0	0	0	D
0700	8.8	0	180	0	0	0	D