

Department of Energy

LABOR & INDUSTRIES BUILDING, ROOM 102, SALEM, OREGON 97310 PHONE 378-4040

TO: Distribution

DATE: February 25, 1981

FROM: Lynn Frank, Director

SUBJECT: Trojan Emergency Response Exercise

Requested Action

You are requested to participate in an exercise of Oregon's Trojan Emergency Response Plan. The exercise will be held on March 4. You are requested to make arrangements to involve any other personnel from your organization as necessary to support the scope of the exercise identified below.

Background

The Trojan Emergency Response Plan has been extensively revised during the past year. A copy of the revised plan was sent to the involved state agencies in December. The March 4 exercise of the new plan will be a joint effort of PGE, Oregon, Washington, Columbia County, and Cowlitz County.

Scope of the Exercise

The exercise will begin in the morning of March 4 and will be initiated by simulated accident conditions at Trojan. Trojan personnel will respond by diagnosing the simulated conditions and notifying off-site organizations as specified in the response plan.

When notified by Trojan, state and county organizations should establish Emergency Operations Centers (EOC's) as appropriate. Agencies should bring any necessary support personnel to the EOC. The EOC's should make protective action decisions and coordinate those decisions with each other. Decisions should be based on information gathered in accordance with the response plan. No public evacuation will occur. EOC's will implement protective actions by requesting appropriate agencies (e.g. Columbia County law enforcement agencies, OSP, Military Department, Highway Department) to provide any needed actions. Response agencies will not send personnel in the field but they will record the availability of personnel to go into the field if needed.

The Oregon Health Division will establish its operations center and dispatch two field teams, Emergency Worker Center personnel, assistance center and UDAC personnel to the Trojan vicinity. The administrator will travel to the state EOC. No field team will be dispatched by helicopter to monitor airborne levels. The ground field teams will track the

Memo to Distribution
February 25, 1981
Page 2

plume. Federal exercise controllers will spontaneously provide field teams with continuous instrument levels. US DOE (IRAP) assistance should be requested as appropriate; however, the IRAP will not travel to Portland or the Trojan vicinity.

Some federal agencies will participate. FEMA will have a representative at the Oregon EOC. NRC will establish their Washington D.C. incident response center. The Coast Guard will simulate closure of the Columbia River.

Oregon's representative at the Washington EOC will be in Olympia when the exercise is initiated. He will arrive at the Washington EOC at about 8:30 a.m. on March 4.

Oregon's public information representative at the Emergency News Center will be notified upon initiation of the exercise. He should report to the Columbia County EOC as specified in the plan. The Emergency News Center will not be established.

Assistance centers will not be established. However, Columbia County should simulate calling the appropriate people who would establish and staff the centers to assure personnel would be available. Health Division personnel dispatched to the Emergency Worker Center and Assistance Centers should simulate communications between these locations and county and state EOC's via commercial telephones.

EOC's should prepare and coordinate releases of public information. Releases and briefings should be given to any media that is covering the exercise as it is convenient. The rumor control center will not be established. EBS or OEPBS will not be used, but steps should be taken to demonstrate that use of these systems could be accomplished.

The Oregon EOC will call local and political leaders to advise them that a exercise is being conducted.

PGE will notify Burlington Northern, the Coast Guard and the FAA as appropriate.

The initial portion of the exercise will be held for about four hours during the morning. After about four hours the EOC's will consult with FEMA and if agreed to by the EOC's, FEMA will terminate the initial phase of the drill. At this point participants will break for lunch.

After lunch, at times set by FEMA, the UDAC and EOF at Trojan and the two state EOC's will reconvene. The county EOC's may also participate at their option. Once reconvened, FEMA will provide the UDAC with results of sample analyses performed on vegetation, soil, milk and water which have been collected by the field teams. The UDAC will formulate ingestion pathway protective action recommendations. The EOC's will act on recommendations and simulate any appropriate response. However, no one will be sent to the field. Late in the afternoon FEMA will terminate the exercise in a manner similar to the first phase.

Critique

Following the exercise, members of the Trojan Emergency Planning Task Force should meet informally with their co-workers who have participated in the exercise. Members of the task force in Oregon are John DeFrance (Columbia County), Larry Rocha (Health Division), Archie Mustard (Emergency Services), Tom Walt (PGE) and Don Godard (ODOE). The task force members should solicit suggestions for improving the response plan. Suggestions should be gathered on March 4 immediately after the exercise or on the morning of March 5.

At 3:00 p.m. March 5, members of the task force will meet in the Trojan Conference Room to consolidate and agree on any suggestions for improvement. At this time federal exercise observers will suggest how they believe the response plan could be improved.

At 9:00 a.m. March 6, a public meeting will be held at the Longview City Council Chambers. At that meeting a representative from Oregon and Washington will summarize the improvements which will be made to the response plan as the result of the exercise.

If you have questions, call Bill Dixon or Don Godard of my staff.

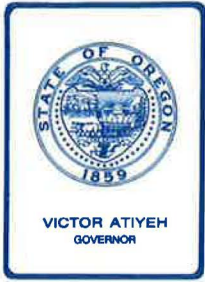
Attachments

Attached for your use is information related to the operations of the Oregon EOC in Salem.

LF/BD/DWG:cs
2213B

Distribution:

<u>Agency</u>	<u>Individual</u>	<u>Assigned Agency Roles</u>
Governor's Office	Governor Atiyeh Bob Oliver Pat Amedeo Denny Miles Jim Russell	- Governor - External Coordinator - Government Liaison Officer - Public Information Officer - Oregon Liaison Officer
Emergency Services	Harvey Latham	- Director of Operations, EOC Support, Operations Officer, Communications Officer, two Telephone Operators, five Messengers



Department of Energy

LABOR & INDUSTRIES BUILDING, ROOM 102, SALEM, OREGON 97310 PHONE 378-4040

TO: Governor Atiyeh

DATE: March 3, 1981

FROM: Lynn Frank

SUBJECT: Persons With Whom Governor Atiyeh Will Have Conversations
During the Trojan Drill, March 4

It is not necessary that the Governor hold personal conversations with anyone. For example, Bob Oliver is designated the "External Coordinator" and will carry on conversations with Olympia, the counties, PGE and NRC. Bob has the automatic ringdown system to carry out this task.

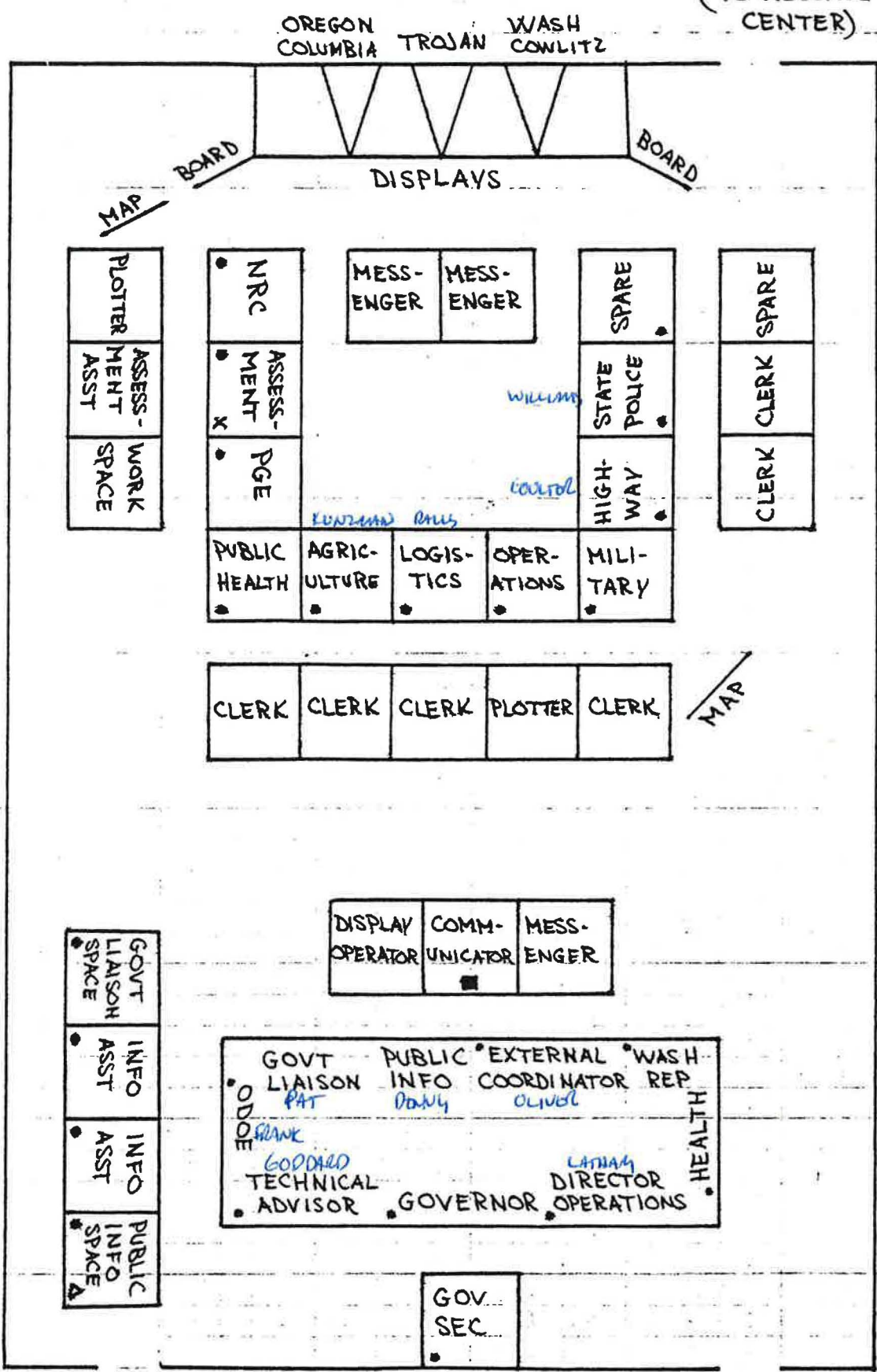
The Governor can talk to anyone he likes. Multi-party discussions should use the automatic ringdown system. Private conversations may be desirable by using commercial telephone as follows:

Governor Spellman (Olympia)	206-753-5990 (EOC) or 6780 (Office)
^{JOE} Chairman Henrie (NRC-Washington D.C.)	301-492-8111
Bart Withers, V.P. (PGE at Trojan)	556-4741 or 4751
Sheriff Nelson (Cowlitz County)	206-577-3098

LF/DWG:cs
2294B

OREGON EOC

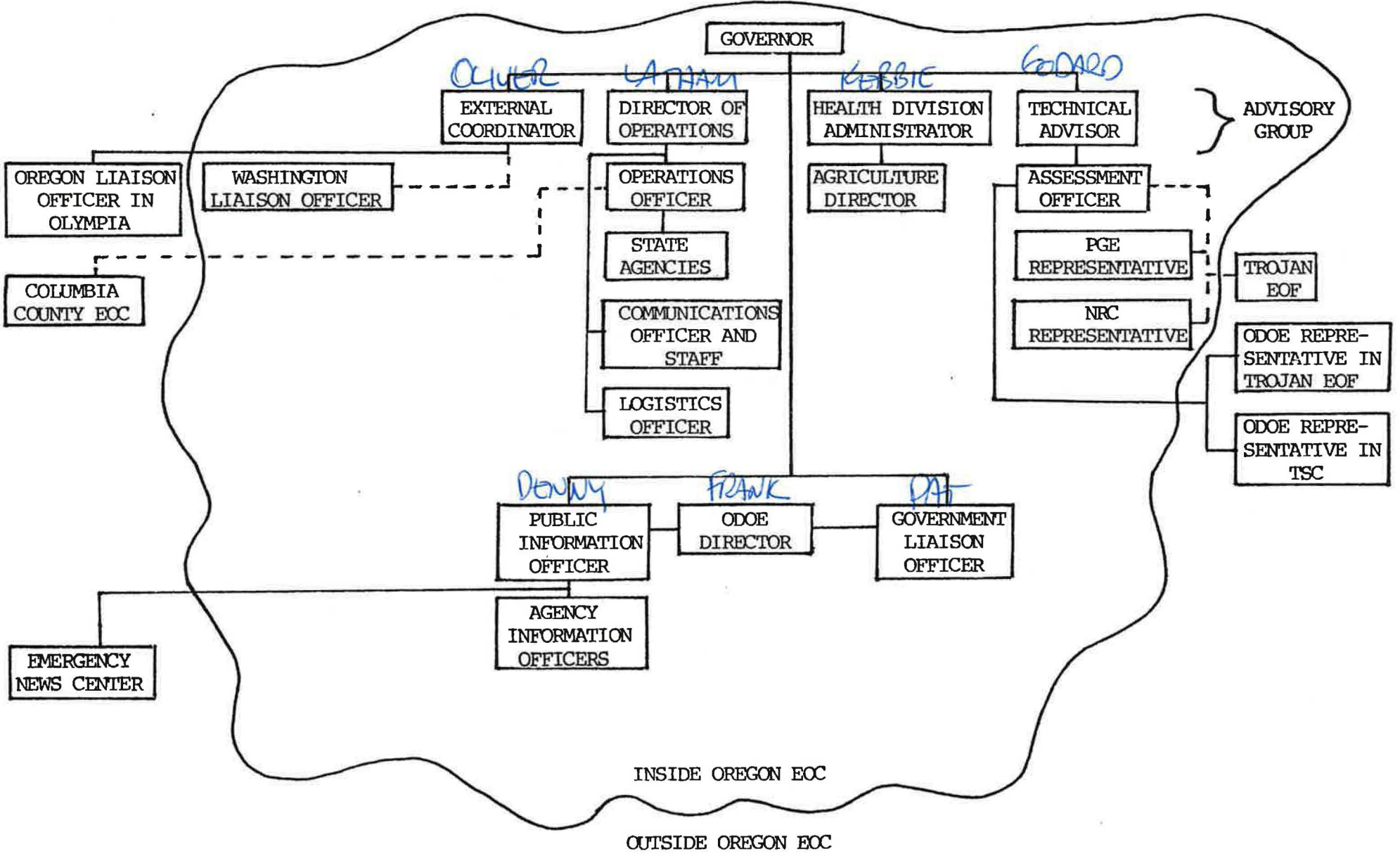
(TO MESSAGE CENTER)



- COMMERCIAL TELEPHONE
- X SELECTIVE SIGNALING CIRCUIT
- AUTOMATIC RINGING CIRCUIT
- ▲ TELECOPIER

(TO HALLWAY)

Oregon EOC - Trojan Emergency Response



Distribution (cont'd)

<u>Agency</u>	<u>Individual</u>	<u>Assigned Agency Roles</u>
Health	Kristine Gebbie	- Health Division Administrator at Oregon EOC, Agency Information Officer at Oregon EOC, UDAC Representative, Field Teams (2), Emergency Worker Center personnel, Assistance Center personnel (2), Agency Operation Center personnel
Agriculture	Leonard Kunzman	- Agriculture Director at Oregon EOC, Agency Information Officer at Oregon EOC
Highway	Scott Coulter	- Highway Closure Officer, two Plotters, Display Operator, Message Center Chief
Military	MGEN Miller	- Military Support Officer
State Police	John Williams	- Security/Traffic Control Officer
General Services	Darrell Ralls	- Logistics Officer
Oregon State University	Art Johnson	- Information Assistant at Oregon EOC
Portland General Electric	Tom Walt	- PGE Representative at Oregon EOC
Washington	Hugh Fowler	- Washington Representative at Oregon EOC
Energy	Don Godard Bill Dixon Hussein Hassoun Terry Virnig Mike Pollock Harry Moomey Bill Sanderson	- Technical Advisor - Assessment Officer - Communicator - Assessment Assistant - Trojan EOF Representative - Trojan Resident Engineer - Agency Information Officer at Oregon EOC

Memo to Distribution
February 25, 1981
Page 5

Distribution (cont'd)

<u>Agency</u>	<u>Individual</u>	<u>Assigned Agency Roles</u>
Environmental Quality	Jim Swenson	- Agency Information Officer at Columbia County EOC
FEMA	Dick Donovan	- Federal Representative at Oregon EOC
Columbia County	John DeFrance	- Columbia County EOC

cc: Ben Bena, Cowlitz County

D R A F T

OREGON EOC NEWS RELEASE

For Accidents Affecting Core Cooling

To Be Used For Site or General Emergencies

1. Summary Statement

Governor Atiyeh has recommended an anticipatory evacuation of all Oregonians within 10 miles of the Trojan Nuclear Plant. Governor Spellman is recommending the same actions in Washington. This action is being taken because Trojan conditions are unstable. The evacuation is anticipatory because no radiation has been released from the plant at this time.

In Oregon, people within 10 miles of the plant will be evacuated away from Trojan to the west or south on Highway 30. School children are being bused to the Clatskanie City Park Building and the Scappoose Middle School where they will be picked up by their parents. People in the vicinity of Trojan should tune to KBAM, 1270 AM for specific instructions. Governor Atiyeh will continue to provide update from the State Capitol. *continue to listen*

The Trojan Nuclear Plant near Rainier, Oregon lost the ability to cool its reactor core at 9:04 today. Trojan operators are working to restore cooling to the core. Loss of all cooling methods for longer than two hours will allow the reactor core to overheat and be badly damaged.

2. Description of accident including any off-site radiation levels and wind directions and speed

3. Statement of what is being done to repair any damage and how long repair work will take.

4. Accident Management

The state of Oregon and Columbia County have established emergency operation centers in Salem and St. Helens. These centers have the necessary communications systems with each other, Cowlitz County in Washington, Olympia and Trojan. These centers will assess conditions at Trojan and advise the public as to the need for any protective actions. People in the vicinity of Trojan should listen to radio station KBAM, 1270 AM for specific instructions.

Oregon and Washington have dispatched teams to the Trojan area to measure any radiation that may be released from the plant. Oregon and federal nuclear plant inspectors are at Trojan to provide an on the scene assessment of plant conditions.

Oregon State Police have been sent to the Trojan area to assist Columbia County set up road blocks. Road blocks are intended to ensure people do not enter the area to be evacuated. Military Department personnel are being activated to provide additional support to Columbia County.

The Oregon emergency operations center in Salem will provide periodic briefings on the accident situation. Spokespersons from Oregon, Washington, U.S. Nuclear Regulatory Commission and Portland General Electric will be present to present their views and respond to questions.

5. Explanation of what would happen if the core is not cooled.

Loss of all methods of cooling the reactor core will result in overheating and damage to the reactor core. Damage to the core will release radioactivity into the concrete containment building which is designed to minimize leakage during an accident.

The containment building normally has a small amount of leakage which could release radioactivity during an accident. The release of radioactivity by this normal leakage path during an accident would not be large enough to pose an immediate threat to the public. To further minimize releases by this path the containment building has spray systems which remove radioactivity from the building air before it can leak out of the building. If these sprays work properly off-site radiation levels should be negligible.

The containment building also has equipment to prevent leakage caused by high gas pressures. Hydrogen combiners cause hydrogen to combine with oxygen to form water before a flammable mixture can build up. Also, cooling equipment is installed to condense steam before it builds up to unacceptable pressures.

6. Discussion of any impacts of the accident on the containment building and implications for off-site releases of radioactivity including likely distances to be impacted.

7. Statement of Protective Actions

- a. Notification of the Public

People within a 10 mile radius of Trojan have been alerted of the accident by sirens. People within a 10 mile radius of Trojan should tune their radios to KBAM, 1270 AM and stay indoors with windows and doors shut and ventilation shut off. People within _____ miles of Trojan should evacuate away from Trojan either to the west or south on Highway 30. Columbia County officials will broadcast specific instructions over KBAM.

Oregon's general public will be advised of the plant conditions by news media briefings in the Oregon emergency operations center in Room 50 of the State Capitol in Salem. The Governor or other officials may also make announcements over the Emergency Broadcast System.

b. Evacuation

The evacuation will be carried out in both down wind and up wind directions as a precautionary measure. Windshifts are likely and the wind generally blows up or down the river.

In Oregon an evacuation out to 10 miles would involve approximately 8,600 people and 2,300 vehicles. People would be evacuated away from Trojan to the west or south on Highway 30. People who needed assistance would be helped at Clatskanie or Scappoose Assistance Centers. It is expected that evacuation could be completed in about 2 hours.

There are seven schools with about 1,600 children within the ten mile radius in Oregon. School buses would carry the children to the Clatskanie Elementary School or the Scappoose Otto Peterson Elementary School to be reunited with their families. It is expected to take about an hour and a half to transport children to Clatskanie and Scappoose.

The Coast Guard, Federal Aviation Administration and the Burlington Northern Railroad have been requested to stop all transportation through the area adjacent to Trojan. Further, the Coast Guard will notify boaters and assist with their evacuation from the river.

c. Control of Food Stuffs

It is possible that radioactive particles or iodine could be released from Trojan and be subsequently deposited on crops or pasture. If this occurs the crops may be kept from the market place. Also, cows may need to be kept on stored feed to prevent radioactive materials from entering milk.

Oregon Health Division and the Oregon Department of Agriculture will identify whether such actions are needed.

DG:md
2274B
03/04/81

Note this process should take at least 10 to 15 minutes

EBS Check List

1. Request from authorized officials
2. Contact KSKD-FM as primary (KYTE-FM secondary)
3. Contact phone company for telephone contact stations
4. Decide on broadcast details, live, or delayed.
5. Contact wire services
- 6.

OPENING

"This is Governor Vic Atiyeh"

CLOSING

"This concludes operations under the Oregon Emergency Broadcast System. All broadcast stations may now resume normal broadcast operations."

OREGON/COLUMBIA COUNTY ACTIONS

REPORT DATE: 3/4

STATUS AS OF: 11:52

TIME OF ACTION

DESCRIPTION OF ACTION

11:50

PRECAUTIONARY (N&W)
SECTORS EVACUATION
UNDER CONSIDERATION

11:58

DECISION TO INITIATE
10 MILE EVACUATION TO
THE NORTH

TROJAN EOF INFORMATION SHEET

REPORT DATE: 3/4

STATUS AS OF: 12:50

RECORD START TIME:

B. TROJAN REPORTER:

ECC RECORDER: FRANK

C. TYPE OF ACCIDENT, PLANT STATUS, PROGNOSIS FOR CHANGE:

- LOSS OF POWER TO COOL CORE
- CORE UNCOVERED BY 11:50

D. TYPE OF RELEASE: Airborne - Noble Gas and Iodine

E. METEOROLOGY:

WIND SPEED (MPH)

4.5

WIND DIRECTION (FROM/TO)

FROM PLANT TO
KEH50

PASQUILL CATEGORY

PRECIPITATION

F. EMERGENCY CLASSIFICATION: GENERAL EMERGENCY

G. ON-SITE PROTECTIVE ACTIONS:

H. PROTECTIVE ACTION RECOMMENDATIONS:

ACTION

SECTORS

DISTANCE (MILES)

I. OFF-SITE ASSISTANCE REQUESTED:

N. OTHER GENERAL INFORMATION:

OREGON/COLUMBIA COUNTY ACTIONS

REPORT DATE: 3/4

STATUS AS OF:

TIME OF ACTION

DESCRIPTION OF ACTION

11:25

GOVERNOR PRESS BRIEFING
WITH PGE AND
STATE STAFF

11:45 REPORT

Columbia County
REPORTS TROOPERS
ARRIVING AND
EVACUATION PROCEEDING
SMOOTHLY

11:45

TROOPERS DISPATCHED
TO ASSIST TRANSPORT
OF EMERGENCY
GENERATORS FROM
PORT. TO HELP VENT
ETA: 12:30 TROJAN

TROJAN EOF INFORMATION SHEET

A. REPORT DATE: 3/4 STATUS AS OF: 11:10 RECORD START TIME:
B. TROJAN REPORTER: EOC RECORDER: FRANK

C. TYPE OF ACCIDENT, PLANT STATUS, PROGNOSIS FOR CHANGE:
- LOSS OF POWER FOR CORE COOLING
- LOSS OF ABILITY TO COOL CORE
- CORE MAY BECOME UNCOVERED BY 11:50

D. TYPE OF RELEASE: AIRBORNE

E. METEOROLOGY: WIND SPEED (MPH) 4.5 MPH WIND DIRECTION (FROM/TO) FROM PLANT TO REISO
PASQUILL CATEGORY C PRECIPITATION

F. EMERGENCY CLASSIFICATION: GENERAL EMERGENCY
G. ON-SITE PROTECTIVE ACTIONS:

H. PROTECTIVE ACTION RECOMMENDATIONS:
ACTION SECTORS DISTANCE (MILES)

I. OFF-SITE ASSISTANCE REQUESTED:

J. OTHER GENERAL INFORMATION:
- FIRE WATER SPRAY HOLDING CONTAINMENT PRESSURE
- UNABLE TO VENT WITHOUT POWER
- PGE WORKING TO TROOP FIRE WATER SYSTEM UP TO COOL CORE

OREGON/COLUMBIA COUNTY ACTIONS

REPORT DATE: 3/4

STATUS AS OF:

TIME OF ACTION

DESCRIPTION OF ACTION

10:30

COUNTY
CONFIRMED/ EVACUATION
UNDERWAY - 5 MILE
RADIUS

10:35

GOUVERNOR Atiyeh
PRESS STATEMENT

TROJAN EOF INFORMATION SHEET

A. REPORT DATE: 3/4 STATUS AS OF: 10:30 RECORD START TIME:
B. TROJAN REPORTER: EOC RECORDER: FRANK

C. TYPE OF ACCIDENT, PLANT STATUS, PROGNOSIS FOR CHANGE:
LOSS OF POWER FOR CORE COOLING

D. TYPE OF RELEASE: NONE

E. METEOROLOGY: WIND SPEED (MPH) 4.5 WIND DIRECTION (FROM/TO) NORTH TO KELSEY - LOANVIEW PRECIPITATION PASQUILL CATEGORY

F. EMERGENCY CLASSIFICATION: GENERAL EMERGENCY
G. ON-SITE PROTECTIVE ACTIONS:

H. PROTECTIVE ACTION RECOMMENDATIONS:
ACTION SECTORS DISTANCE (MILES)
EVACUATION IS BEING CARRIED OUT TO 5 MILES IN ALL DIRECTIONS NOW.
TROJAN HAS RECOMMENDED EVACUATION OF SECTOR M AND N. IT IS NOW BEING CONSIDERED.
I. OFF-SITE ASSISTANCE REQUESTED:

N. OTHER GENERAL INFORMATION:

WASHINGTON/COWLITZ COUNTY ACTIONS

PORT DATE: 3/4

STATUS AS OF: 11:00

TIME OF ACTION

DESCRIPTION OF ACTION

11:45

COWLITZ EVACUATION
PROCEEDING smoothly
-- 5 mile RADIUS

11:50

PRECAUTIONARY EVACUATION
SECTORS M & N UNDER
CONSIDERATION

11:58

DECISION TO EVACUATE
10 MILES TO NORTH
- M & N

12:02

Governor Atypk ON
EBS TO ANNOUNCE
DECISION

WASHINGTON/COWLITZ COUNTY ACTIONS

REPORT DATE:

3/4

STATUS AS OF:

TIME OF ACTION

DESCRIPTION OF ACTION

10:35

CONFIRMED COUNTY
EVACUATION UNDERWAY
- 5 MILE RADIUS

10:35

PRESS ADVISED

TROJAN EOF INFORMATION SHEET

REPORT DATE: 3/4

STATUS AS OF: 10:10

RECORD START TIME:

B. TROJAN REPORTER:

EOC RECORDER: FRANK

C. TYPE OF ACCIDENT, PLANT STATUS, PROGNOSIS FOR CHANGE:

loss of power to cool CORE

D. TYPE OF RELEASE: None

E. METEOROLOGY:

WIND SPEED (MPH)

4.5

WIND DIRECTION (FROM/TO)

TOWARD KILSO-
HONGVIEW

PASQUILL CATEGORY

PRECIPITATION

F. EMERGENCY CLASSIFICATION:

General Emergency

G. ON-SITE PROTECTIVE ACTIONS:

H. PROTECTIVE ACTION RECOMMENDATIONS:

ACTION

SECTORS

DISTANCE (MILES)

I. OFF-SITE ASSISTANCE REQUESTED:

N. OTHER GENERAL INFORMATION:

CANNOT REPAIR CORE COOLING SYSTEM
FOR LESS THAN FOUR HOURS - WITH
IN-HOUSE SYSTEM - OUT OF PLANT
SYSTEM SUFFICIENT TO REPAIR UNKNOWN

WASHINGTON/COWLITZ COUNTY ACTIONS

REPORT DATE: 3/4/81

STATUS AS OF: 10:20

TIME OF ACTION

DESCRIPTION OF ACTION

10:20

Concur decision to
evacuate 5 mill
roads

OREGON/COLUMBIA COUNTY ACTIONS

REPORT DATE:

3/4

STATUS AS OF:

10:10

TIME OF ACTION

DESCRIPTION OF ACTION

10:40

Gov. Attych confer Gov.
Spelman -

10:20

Considering decision to
EVACUATE radius of
5 miles -

10:25

DECISION TO INITIATE
EVACUATION 5 mile Radius

OREGON/COLUMBIA COUNTY ACTIONS

REPORT DATE: 3/14/81

STATUS AS OF: 9:45

TIME OF ACTION

DESCRIPTION OF ACTION

34 9:45

EOC ESTABLISHED

10:00

- considering advancement to
shelter out to ten miles
AND to sound sirens

10:04

- Decision to sound alarms

10:05

- Advise press of decision

WASHINGTON/COWLITZ COUNTY ACTIONS

REPORT DATE: 3/4/81

STATUS AS OF: 9:50

TIME OF ACTION

DESCRIPTION OF ACTION

9:50

10:00

Washington EOC operational
Council in decision to
sound alarm and advise
to shelter to 10 miles

GOVERNOR

Assignment: In the Governor's absence, the Governor's Assistant who is responsible for emergency services will fulfill this role. If both of these people are absent, the next available Governor's Assistant will fulfill this role. In the absence of the Governor and all immediate Assistants, ODOE is authorized to make protective action decisions.

Responsibilities: The Governor is responsible for directing and controlling all State activities to protect the lives and property of Oregon citizens.

Duties: The Governor's duties include the following:

- A. Declare an emergency to assure that all State resources are available as needed.
- B. Make decisions on protective actions to be implemented during the emergency and recovery and re-entry phases.
- C. Authorize emergency workers to exceed Protective Action Guides, if required.
- D. Coordinate protective action decisions and public information with the Governor of Washington, officials in Columbia and Cowlitz Counties, PGE, and federal agencies.
- E. Provide news briefings in conjunction with Washington, Columbia and Cowlitz Counties, PGE, and federal agencies.
- F. Request federal assistance through the Federal Emergency Management Agency (FEMA).
- G. Assign a representative to the Washington EOC to coordinate protective action decisions and public information.

Guidance:

- A. When notified the Governor should proceed to Room 50 of the State Capitol.
- B. A representative should be dispatched to Olympia to act as the Oregon Liaison Officer in Washington. The representative should be the Governor's Legal Assistant.
- C. An Advisory Group consisting of ODOE (Technical Advisor), ESD (Director of Operations), Health (Health Division Administrator), and the Governor's Assistant responsible for emergency services (External Coordinator) will assemble to

advise the Governor on actions to be taken. In order to keep themselves informed of the status of the emergency, the Governor's Communications Assistant (Public Information Officer), the Governor's Natural Resources Assistant (Governmental Liaison Officer), the ODOE Director, and the Washington representative (Washington Liaison Officer) will have space available at the Advisory Group table.

- D. The Technical Advisor will report on the status of Trojan and the radiation levels in the vicinity of Trojan. Initially, the status of Trojan will be vague, no off-site measurements of radiation will be available and projections of radiation levels should be treated cautiously because they will be based on conditions which may or may not actually exist at Trojan. The Governor will be given a recommendation as to whether and what protective actions are appropriate based on predetermined guidelines.
- E. The External Coordinator will report on what actions have been taken in Washington, Columbia County and Cowlitz County. Columbia County, based on PGE recommendations, may have already activated the siren system and broadcast instructions over the radio to the public.
- F. The Director of Operations will request preliminary actions be taken to prepare for an evacuation.
- G. The Public Information Officer will report on what public information statements have been made.
- H. Based on these reports, the Advisory Group (Technical Advisor, Director of Operations, External Coordinator, and Health Division Administrator) will advise the Governor on what actions should be taken.
- I. The Governor should make a proposed decision.
- J. The External Coordinator (with assistance from the Technical Advisor, Director of Operations, and if injection protective actions are involved, the Health Division Administrator) will discuss the proposed decision with Columbia County, Washington, Cowlitz County, PGE, and NRC to determine whether they agree with it. The External Coordinator will advise the Governor and Advisory Group of these discussions.
- K. The Governor should make a decision.
- L. The Director of Operations will direct Columbia County to implement the decision and will provide assistance as necessary. The Public Information Officer will take actions to announce the decision. The Government Liaison Officer will notify appropriate government officials of the decision.

- M. The Governor will be periodically advised of the status of the plant by the Technical Advisor, of implementing the decision in Oregon by the Director of Operations and of actions in Washington and Cowlitz County by the External Coordinator.
- N. Periodically, recommendations will be brought to the Governor for plume exposure protective actions (from the Technical Advisor) and for ingestion protective actions or for emergency workers to exceed radiation exposure limits (from the Health Division Administrator). All recommendations for plume and ingestion protective actions should be handled as outlined in paragraphs H through L.
- O. During the emergency or in its aftermath, the Governor may wish to move to alternate locations. The Director of Operations will arrange for transportation either by automobile or by helicopter. The Governor can maintain control of the emergency management at the 1) State Office Building in Portland, 2) the Emergency News Center in St. Helens, or 3) the Trojan EOF. Each of those locations have communications with all the important emergency response locations.

Communications during transit may be difficult, therefore, an individual at the State Capitol should be delegated the Governor's authorities and responsibilities until communications are assured at the new location.

The Emergency News Center in St. Helens has the capability of accommodating the news media.

- P. To the extent possible, communications with locations outside the Trojan vicinity should be via commercial telephones.

Oregon EOC Staffing

<u>Position</u>	<u>Assigned Individual</u>
1. Executive Governor	Governor
2. Advisory Group External Coordinator	Governor's Assistant responsible for emergency services
Technical Advisor	ODOE Administrator of Siting and Regulation
Health Division Administrator	Health Division Administrator
Director of Operations	ESD Administrator
3. Executive Assistance Public Information Officer	Governor's Communications Assistant
Government Liaison Officer	Governor's Natural Resources Assistant
Washington Liaison Officer	Washington Representative
ODOE Director	ODOE Director
Governor's Secretary	Governor's Secretary
Automatic Ringing Circuit Communicator	ODOE Staff
Display Operator	Highway Division Staff
Executive Messenger	Executive Department Staff
4. Assessment Group Assessment Officer	ODOE Nuclear Engineer
PGE Representative	PGE Representative
NRC Representative	NRC Representative
Assessment Assistant	ODOE Staff
Assessment Plotter	Highway Division Staff
5. Operations Group a. Operations Section Operations Officer	ESD Plans & Operations Officer
Operations Plotter	Highway Division Staff
Agriculture Director	Agriculture Director
Health Officer	Public Health Officer
Highway Closure	Highway Engineer
Military Support	ONG Adjutant General
Security/Traffic Control	OSP Superintendent
Clerks (6)	One from each agency

b. Logistics Section

Logistics Officer
EOC Support

General Services Director
ESD Deputy Administrator

c. Communications Section

Communications Officer
Message Center Chief
Radio Operators (5)

Teletype Operators (3)

Telephone Operators (3)
Communications Messengers (3)
Internal Messengers (2)
Clerks (2)
Telephone Company
Liaison

ESD Communications Officer
Highway Division Staff
Two from ONG, one each from OSP,
Highway and Agriculture
One each from ONG, OSP, and
Highway

Executive Department staff
Executive Department staff
Executive Department staff
Executive Department staff
Pacific Northwest Bell
Representative

6. Information Group

Agency Information
Officers (3)
Rumor Control Operators (3)

One each from ODOE, Agriculture
and Health Division
Executive Department staff

Oregon EOC Information Flow

1. Assessment Officer receives detailed plant status, off-site dose projections, and protective action recommendations from Trojan EOF via selective signaling phone. If necessary, Assessment Officer discusses this information with ODOE representatives at Trojan and NRC and PGE representatives at Oregon EOC.
2. Assessment Officer summarizes this information for the Technical Advisor via commercial telephones, face-to-face discussion, or message.
3. Technical Advisor informs Governor and Advisory Group of this information and recommends what plume exposure protective actions should be taken.
4. If ingestion protective action recommendations are involved, Technical Advisor forwards these to Health Division Administrator, who with Agriculture assistance evaluates these. Health Division Administrator then recommends to Governor what ingestion protective actions should be taken.
5. Upon establishment of Oregon EOC, Operations Officer checks with Columbia EOC via radio to ascertain what operational assistance is needed.
6. Operations Officer checks with state agency heads to ascertain what capabilities exist for assisting Columbia County.
7. Operations Officer informs Director of Operations via commercial telephones, face-to-face discussion, or message of what operational assistance is needed and what capabilities exist.
8. Director of Operations informs Governor and Advisory Group of what assistance is needed in Columbia County thus far and what capabilities exist.
9. Upon establishment of Oregon EOC, External Coordinator checks with Washington, Columbia County and Cowlitz County via the automatic ringing phone to ascertain what decisions have been made and actions have been taken thus far. The automatic ringing circuit will be kept open to provide a means of exchanging information with external organizations. External Coordinator informs Governor and Advisory Group of this information.
10. Upon establishment of Oregon EOC, Public Information Officer checks with Columbia County, Washington, Cowlitz County, PGE, and NRC (if available) via the automatic ringing circuit to ascertain what public information statements have been made thus far. Public Information Officer informs Governor and Advisory Group of this information.
11. Governor makes proposed decision.

12. External Coordinator, with assistance from Technical Advisor and Director of Operations, and if ingestion protective actions are involved, Health Division Administrator, first reads Trojan summary sheet including recommendation to and then discusses the proposed decision with Columbia County, Washington, Cowlitz County, PGE, and NRC (if available) via the automatic ringing circuit to determine whether these organizations agree with the proposed decision. If NRC is not at Trojan, the External Coordinator calls NRC Headquarters via commercial telephones.
13. External Coordinator informs Governor and Advisory Group of discussions.
14. Governor makes decision.
15. Director of Operations directs Operations Officer to inform Columbia County of the decision and assist them in carrying out the decision.
16. Operations Officer works with Columbia County via radio and state agency heads to carry out the decision.
17. Public Information Officer takes appropriate actions to announce decision and provides a copy of all news releases to each person at the Advisory Group table and inner Assessment/Operations/Agencies tables ("horseshoe").
18. Government Liaison Officer notifies appropriate government officials of decision.
19. At least every half-hour, Technical Advisor informs Governor and Advisory Group of plant status and projected or actual off-site doses.
20. At least every half-hour Operations Officer briefs Director of Operations on the status of carrying out the decision. Director of Operations then briefs Governor and Advisory Group.
21. Based on the briefing, External Coordinator, with assistance from Director of Operations briefs Washington, Cowlitz County, PGE, and NRC on the status of carrying out the decision.
22. Based on on-going discussions on the automatic ringing circuit, at least every half-hour External Coordinator briefs Governor and Advisory Group on the status of Washington and Cowlitz County actions.
22. ODOE Director records summaries of plant status and recommendations, Oregon and Columbia County actions, and Washington and Cowlitz County actions. ODOE Director provides a copy of these summaries to the people at Advisory Group table and provides transparencies of these summaries to the Display Operator for display in the EOC.
23. Assessment Officer and Operations Officer direct their respective plotters to record on the chalk boards a chronological summary of significant events.

OREGON EOC ADVISORY GROUP CHECKLIST

A. Upon Establishment of EOC

1. Technical Advisor determines plant status and projected off-site doses.
2. External Coordinator ascertains what decisions have been made and protective actions have been taken by Washington, Columbia and Cowlitz Counties.
3. Public Information Officer ascertains what public information statements have been made by Washington, Columbia and Cowlitz Counties, PGE, and NRC and informs them that Oregon EOC will assume responsibility for public information in Oregon.
4. Director of Operations requests the following preliminary actions be taken to prepare for an evacuation:
 - a. Columbia County to close Highway 30 at the south end of Rainier and at the north end of Columbia City.
 - b. OSP to dispatch 12 to 16 state troopers to St. Helens to assist Columbia County.
 - c. Military to activate and assemble enough personnel to man 15 roadblocks on a 24 hour basis. These persons are to be held at the assembly point awaiting further instructions. A Military person is to be dispatched to St. Helens to provide liaison with Columbia EOC in the event military assistance is needed.
5. Director of Operations determines whether Columbia County needs any other operational assistance.
6. Advisory Group recommends to Governor whether any additional actions are needed.
7. Public Information Officer prepares public information statement that describes what is being done and clears with the Technical Advisory and Governor. After discussing this with Washington, Columbia and Cowlitz Counties, PGE, and NRC, Public Information Officer releases it to the news media, provides a copy to each person at Advisory Group table and inner Assessment/Operations/Agencies tables ("horseshoe"), arranges for Governor to brief the news media, and arranges for OEPBS broadcast of Governor's briefing.
8. Government Liaison Officer informs appropriate government officials of the emergency status.

9. ODOE Director initiates documentation of emergency status, provides copies to persons at Advisory Group table, and provides overlays to be displayed in the Oregon EOC.

B. Upon Receipt of Protective Action Recommendation

1. Technical Advisor receives and technically evaluates protective action recommendation.
2. Advisory Group discusses recommendation with Governor.
3. Governor makes proposed decision.
4. External Coordinator reads Trojan summary sheet including recommendation to and discusses proposed decision with Washington, Columbia and Cowlitz Counties, PGE, and NRC.
5. Governor makes decision.
6. Director of Operations instructs Columbia EOC to carry out decision, receives requests for assistance, and arranges for assistance.
7. Public Information Officer prepares public information statement; clears with Technical Advisor and Governor; discusses with Washington, Columbia and Cowlitz County, PGE, and NRC; releases it to the news media; provides a copy to each person at the Advisory Group table and inner Assessment/Operations/Agencies tables ("horseshoe"); arranges for Governor to broadcast over EBS; arranges for Governor to brief news media; and arranges for OEPBS broadcast of Governor's briefing.
8. Government Liaison Officer informs appropriate government officials of decision.

C. Implementing Decisions

1. At least every half-hour, the Governor and Advisory Group are briefed by Technical Advisor on plant status and projected or actual off-site doses, by the Director of Operations on status of implementing decisions in Oregon, and by External Coordinator on actions by Washington, Cowlitz County, PGE, and NRC.
2. External Coordinator conducts on-going discussion with Washington, Cowlitz County, PGE, and NRC to determine status of their actions and to inform them of status of actions in Oregon.
3. Public Information Officer remains informed of public information statements by others and conducts hourly news media briefings.
4. Government Liaison Officer updates reports to government officials as appropriate.

ØR EMERGENCY SERVICE

THE FØLLØWING IS BEING RELAYED TØ YØU:
0028 CCØ ØRØSP1500 030481 0923
SP HQ SALEM
SP CLACKAMAS

001

***** TRØJAN SIMULATED DRILL EXERCISE *****

AT 9:16 AM CENTRAL DISPATCH, ST HELENS ADVISED ØF AN ØN SITE EMERGENCY
(DRILL ØNLY) AT THE TRØJAN NUCLEAR PØWER PLANT. MR. BURKE AT TRØJAN
ADVISED CENTRAL DISPATCH AT 9:14 AM THAT THEY HAD LØST ALL AC PØWER AND
THE PLANT HAS GØNE DØWN. THERE IS NØ RADIØLØGICAL RELEASE.

LØCAL ØFF DUTY PERSØNNEL ARE BEING ACTIVATED.

WILL KEEP YØU ADVISED ØF ANY FURTHER DEVELØPMENTS.

BRACKEN, SGT
SP CØLUMBIA CITY

VIA

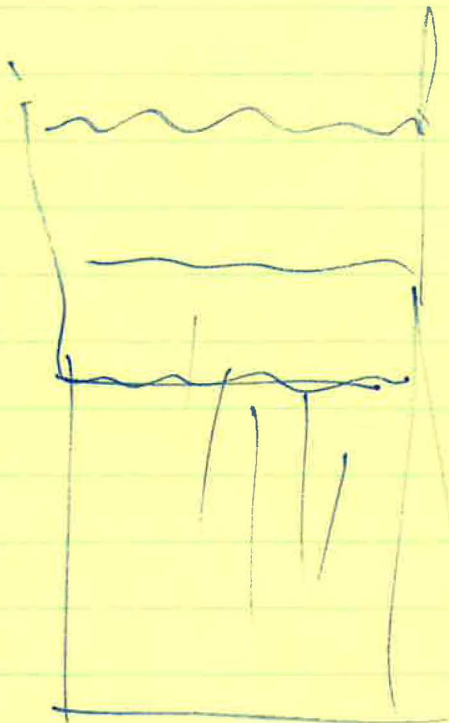
BASS, SR TPR
CØMMUNICATIONS
SP GHQ SALEM KAB

LOST LAST ONE

1 1/2 TO RELEASE

✓ COAST GUARD & BN NOTIFIED
10:40 AM NOTIFIED Gov. SPELLMAN

CANNOT FIX - DIESELS 4 hrs. - AUX. FRESH WATER



SIR: RAD

DENNY CALLED RE:
TROYAN SHUT DOWN

HE REQUESTS:

- 1) BE READY FOR PRESS WHO
MAY CONTACT HERE.
- 2) PLEASE CONTACT HIM
WHEN YOUR FINISHED
HERE SO HE CAN
"TOUCH BASE WITH YOU."

370-7303

378-3121

SF

~~852~~

Denny Miles

TROJAN SITUATION

SHUT DOWN - ONE OF RUDS DID NOT GO INTO CORE

WATER LEVEL DOWN -

BACK-UP SYSTEM NEED TO SHUT DOWN PLANT

Denny to HAVE MR GODDARD CALL
HERE -

CURRENT SITUATION

PLANT SHUT DOWN AS DESIGNED

REASON MAINTAINANCE AUTOMATIC SHUT

REMAINED SHUT DOWN -

REVIEW OF PROCEDURES: 2 INCIDENCES OF EQ. PHEN
DID NOT FUNCTION AS DESIGN

- 1) FAILURE FEED WATER SYSTEM VALVE
CLOSE - 1 of 2 REDUNDANT 1 of
4 GENERATORS
- 2) ONE of 51 RUDS DID NOT INSERT
OR DID NOT INDICATE

PLANT TO REMAIN SHUT DOWN UNTIL COLLECTIONS M
= AGE TO GET BACK TO DEPT OF ENERGY PRIOR
RE-START

- WATER LEVEL IN STEAM GENERATION SYSTEM NOT IN
CORE:
- ROD PROBLEM - MINOR - NOT SERIOUS -
POSSIBLE ONLY

CALL DENNY -
- 752-2650
- 364-5837 - PAGER