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AUTH. NAME AUTHOR AFFILIATION
SORENSEN, G.C. Washington Public Power Supply System.
RECIP. NAME RECIPIENT AFFILIATION
SCARANO, R.A. Region 5 (Post 820201)

SUBJECT: Provides schedule for corrective actions identified in
FEMA Region X rept for 890201-0301 ingestion pathway zone &
re-entry/recovery exercise.

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • 3000 George Washington Way • Richland, Washington 99352

December 7, 1989
G02-89-222
Docket No. 50.397

Mr. Ross A. Scarano, Director
Division of Radiation Safety
and Safeguards
U.S Nuclear Regulatory Commission
Region V
1450 Maria Lane, Suite 210
Walnut Creek, California 94596

Dear Mr. Scarano:

Subject: WNP-2 INGESTION AND REENTRY/RECOVERY EXERCISE -
STATUS OF CORRECTIVE ACTIONS (STATE OF WASHINGTON)

- References:
- 1) Letter, K. Heimbach to R. Donovan dated September 29, 1989
 - 2) Letter, Docket 50-397, R.A. Scarano to G.C. Sorensen, same subject, dated August 31, 1989
 - 3) Letter, D.H. Kwiatkowski to F.J. Congel dated August 10, 1989
 - 4) FEMA Exercise Report dated July 1989

This letter provides a schedule (attached) for corrective actions identified in the FEMA Region X report for the February 28 - March 1, 1989 Ingestion Pathway Zone and Re-entry/Recovery Exercise..

Since the time this schedule was issued, updates were verbally provided to us through numerous discussions with state personnel. This last update for these items is as of November 29, 1989 and are listed below. All other items remain as indicated in Reference 1.

- | | |
|-------------|---|
| Obj. 3, 1.c | Completed in November 1989 |
| Obj. 5, 1.a | Procedure was updated in September 1989. Due to use in Trojan Exercise, a few minor changes were identified as necessary and the expected date of completion is March 1990. |
| Obj. 5, 1.b | Completed September 1989 |
| Obj. 5, 1.d | Completed September 1989 |
| Obj. 15 | Completed November 1989 |

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Mr. Ross A. Scarano
Page Two
December 7, 1989

The Supply System has been added to distribution lists and preliminary status changes will also be given through phone conversations.

If you have additional questions or concerns, please contact us.

Very truly yours,



for R.C. Sorensen, Manager (280)
Regulatory Programs

GCS/RAC/mm

Attachment

| | |
|------------------------|-----------------------------------|
| cc: R. Gerton, DOE-RL | J.O. Bradfute, NRC |
| M. Mills, State EFSEC | D.L. Williams, BPA (399) |
| T.R. Strong, State DOH | K. Heimbach, Washington State DEM |
| N.S. Reynolds, BLC&R | NRC Site Inspector (901A) |
| R.W. Donovan, FEMA | |

HUCK CLARKE
Director



STATE OF WASHINGTON

DEPARTMENT OF COMMUNITY DEVELOPMENT
DIVISION OF EMERGENCY MANAGEMENT

4220 E. Martin Way, PT-11 • Olympia, Washington 98504-8611 • (206) 753-5255 • (SEA) 234-5255

September 29, 1989.

Mr. Richard W. Donovan
REP Program Manager
Federal Emergency Management Agency
Region X
Federal Regional Center
Bothell, Washington 98021-9796

Dear Mr. Donovan:

The Department of Community Development, Division of Emergency Management has contacted all the appropriate agencies for their input on commitment dates regarding the WNP-2 Ingestion and Reentry/Recovery Exercise inadequacies.

The agencies represented at the Emergency Operating Center decision making table (Agriculture, Health, Emergency Management, and Energy Facility Site Evaluation Council) have all agreed to hold the remedial tabletop drill by December 1990. This is the corrective action for Objective 3 (S89-1). This would give time for the Division of Emergency Management to work with the Department of Agriculture developing their new procedures and to hold training for all concerned agencies. I understand that Mary Alice Peterson of my staff has already discussed this with you and that you are in agreement with this new commitment date.

The other commitment dates are on the attached form. The dates that had been inadvertently omitted by the Division of Emergency Management and the Department of Health are now added.

If you have any further questions please contact Mary Alice Peterson at 206-459-9191.

Sincerely,

Kate Heimbach
Assistant Director

cc. Terry Strong, DOH
Aby Mohseni, DOH
Curt Eschels, EFSEC

WNP-2 1988 EXERCISE - SUMMARY LISTING OF EXERCISE INADEQUACIES

4.1 STATE OF WASHINGTON

| Obj. No. (Track- ing No.) | Category of Exercise Inadequacy(a) | Exercise Inadequacy (b) | Recommended Corrective Actions | Commit- ment Date | Realiz- ation Date |
|---------------------------------|---|--|--|--|--------------------------|
| 3 (S89-1) | DEF | 1.a State did not implement appropriate protective measures for the IPZ. (J.11) | Train staff. Demonstrate understanding in a tabletop drill. | 7/90 7/90 <u>12/90</u> | |
| | | 1.b DEM/DCD & DOA Procedures are incomplete regarding the implementation of IPZ PAs. (J.11) | Revise DEM/DCD & DOA Procedures. Train staff. | 7/90 7/90 | |
| | | 1.c Instructions were developed/revised without decision maker knowledge. (G.4.a) | Revise procedures (10.2). Train Staff | 11/89 11/89 | |
| | | 1.d Current DEM Procedures do not reflect duties and responsibilities for Ingestion EPZ decision-making (Administrative Record basis for decisions). | Revise DEM Procedures. Train Staff. | 1/90 1/90 | |

(a) Exercise Inadequacy:

DEF Demonstrated and observed inadequacies that would cause a finding that preparedness was not adequate to provide reasonable assurance that the public's health and safety are protected. Prompt remedial action required.

ARCA Areas observed that require corrective actions. Correction required before next biannual exercise.

(b) Reference NUREG-0654/FEMA-REP-1, Rev. 1 (Planning Standards and Elements).

WNP-2 1988 EXERCISE - SUMMARY LISTING OF EXERCISE INADEQUACIES

4.1 STATE OF WASHINGTON (Cont.)

| Obj. No. (Track- ing No.) | Category of Exercise Inadequacy(a) | Exercise Inadequacy (b) | Recommended Corrective Actions | Commit- ment Date | Realiz- ation Date |
|---------------------------------|---|---|--|--|--------------------------|
| | | 1.e Current DOH Procedures do not include the necessary documentation for an administrative record to support PARs for the Ingestion EPZ. (I.10, J.9, J.11) | Revise DOH Procedures. Train Staff. | 8/90 8/90 | |
| 5 (S89-2) | ARCA | Adequate Displays: current use of 4 different maps make data collection, data reporting and data displaying difficult/cumbersome. (H.3, H.4) | Review and revise maps if appropriate. If there is no map revision, then procure map conversion system. Train Staff. | 10/89 or <u>8/90</u> 10/89 or <u>8/90</u> | |
| | | 1.a WEIC Manager did not implement/follow procedures regarding the role of the WEIC vs. the JIC. | Review and revise WEIC Procedures, if appropriate, concerning the roles of the WEIC and the JIC. Train Staff. | 9/89 9/89 | |

(a) Exercise Inadequacy:

DEF Demonstrated and observed inadequacies that would cause a finding that preparedness was not adequate to provide reasonable assurance that the public's health and safety are protected. Prompt remedial action required.

ARCA Areas observed that require corrective actions. Correction required before next biannual exercise.

(b) Reference NUREG-0654/FEMA-REP-1, Rev. 1 (Planning Standards and Elements).

WNP-2 1988 EXERCISE - SUMMARY LISTING OF EXERCISE INADEQUACIES

4.1 STATE OF WASHINGTON (Cont.)

| Obj. No. (Track- ing No.) | Category of Exercise Inadequacy(a) | Exercise Inadequacy (b) | Recommended Corrective Actions | Commit- ment Date | Realiz- ation Date |
|---------------------------------|---|--|--|-------------------------|--------------------------|
| | | 1.b Coordination was accomplished after distribution of releases, not before as specified in procedures. (G.4.b) | 1.b Train Staff. | 9/89 | |
| | | c- Educational material (Washington State Farm Brochure) was not disseminated. Revise Procedure 10.18 to structure Ingestion EBS messages for general public and family farmers only. (J.11) | 1.c Revise DOA 10.6 Procedure. Revise DEM 10.18 Procedure. Train Staff. | 1/90 1/90 1/90 | |
| | | d- Press releases did not explain rationale: basis for IPZ PARs & PAs. | 1.d Develop boiler plate material to describe food interdiction and reentry process (10.2 procedures). | 9/89 | |
| 14 (S89-4) | ARCA | Spokespersons at the JIC did not present information in an accurate fashion. (G.4.a.). | Develop & provide adequate displays (see S89-3d above). Train Staff. | 1/90 1/90 | |

(a) Exercise Inadequacy:

DEF Demonstrated and observed inadequacies that would cause a finding that preparedness was not adequate to provide reasonable assurance that the public's health and safety are protected. Prompt remedial action required.

ARCA Areas observed that require corrective actions. Correction required before next biannual exercise.

(b) Reference NUREG-0654/FEMA-REP-1, Rev. 1 (Planning Standards and Elements).

WNP-2 1988 EXERCISE - SUMMARY LISTING OF EXERCISE INADEQUACIES

4.1 STATE OF WASHINGTON (Cont.)

| Obj. No. (Track- ing No.) | Category of Exercise Inadequacy(a) | Exercise Inadequacy (b) | Recommended Corrective Actions | Commit- ment Date | Realiz- ation Date |
|---------------------------------|---|--|---|-------------------------|--------------------------|
| 15 (S89-5) | ARCA | Status boards in the WEIC were frequently not current. (G.4.c) | Train staff on display maintenance. | 11/89 | |
| 29 (S89-6) | ARCA | State does not have adequate means for projecting dose for the IPZ. (I.10, J.9, J.11) | Revise DOH Procedures. Train Staff. | 12/90 | |
| 29 (S89-7) | ARCA | State did not determine appropriate protective measures. (J.11) | Review DOH PAR Procedures. Develop DOA procedures for determining appropriate protective measures. Train Staff. | 12/90 | |
| 29 (S89-8) | ARCA | MUDAC did not provide documentation on Field Team findings as samples were collected. (I.10) | Revise Procedures. Train staff. | 8/90 8/90 | |
| 31 (S89-9) | ARCA | State did not demonstrate the ability to estimate total population dose. (M.4) | Revise Plan. Develop Procedures. Train Staff. | 8/90 8/90 | |

(a) Exercise Inadequacy:

DEF Demonstrated and observed inadequacies that would cause a finding that preparedness was not adequate to provide reasonable assurance that the public's health and safety are protected. Prompt remedial action required.

ARCA Areas observed that require corrective actions. Correction required before next biannual exercise.

(b) Reference NUREG-0654/FEMA-REP-1, Rev. 1 (Planning Standards and Elements).

WNP-2 1988 EXERCISE - SUMMARY LISTING OF EXERCISE INADEQUACIES

4.2 BENTON and FRANKLIN COUNTIES

| Obj. No. (Track- ing No.) | Category of Exercise Inadequacy(a) | Exercise Inadequacy(b) | Recommended Corrective Actions | Commit- ment Date | Realiz- ation Date |
|---------------------------------|---|--|---|-------------------------|--------------------------|
| 13 C89-1 | ARCA | JIC staff did not distribute them to other JIC organizations or to the media. (G.4.b) | Train Staff. Follow procedures in IP-8. | 1/90 | |
| 14 C89-2 | ARCA | Incomplete and inaccurate information provided by JIC to media. (G.4.a) | Train staff. Follow procedures in IP-8. | 1/90 | |

(a) Exercise Inadequacy:

DEF Demonstrated and observed inadequacies that would cause a finding that preparedness was not adequate to provide reasonable assurance that the public's health and safety are protected. Prompt remedial action required.

ARCA Areas observed that require corrective actions. Correction required before next biannual exercise.

(b) Reference NUREG-0654/FEMA-REP-1, Rev. 1 (Planning Standards and Elements).

