

Washington Public Power Supply System

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Docket No. 50-397

Mr. John B. Martin
Regional Administrator
U. S. Nuclear Regulatory Commission
Region V
1450 Maria Lane, Suite 210
Walnut Creek, California 94596

Dear Mr. Martin:

SUBJECT: WNP-2 ANNUAL EMERGENCY EXERCISE FOR 1986

The enclosed document, "WNP-2 Annual Emergency Exercise - 1986" objectives and limitations is provided as the first (75 day) submittal to our annual exercise program. The remaining (45 day) submittal will contain a detailed description of the exercise scenario and anticipated actions.

Please be aware that in order to accommodate the scheduling needs of some of the player participants the exercise schedule has been shifted from September 17, 1986, to September 18, 1986.

Should you have any questions, please contact Mr. R. A. Chitwood, Manager of Emergency Planning and Environmental Programs at (509) 377-8466.

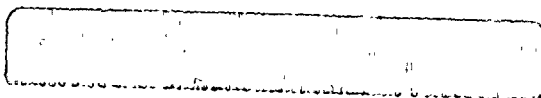
Very truly yours,


G. C. Sorensen, Manager
Regulatory Programs

GCS/RDM/vlc

Enclosure

cc: R. Donovan--FEMA
N. S. Reynolds--Bishop, Liberman, Cook, Purcell & Reynolds



OBJECTIVES AND LIMITATIONS
WNP-2 ANNUAL EMERGENCY EXERCISE 1986

A. OBJECTIVES

1. Supply System

a. General

- (1) Demonstrate the ability to activate the essential emergency organization in a timely manner and effectively staff all Supply System emergency response centers (Control Room, Operational Support Center, Technical Support Center, Emergency Operations Facility and the corporate Joint Information Center).
- (2) Demonstrate the ability of the emergency center directors to effectively maintain management control of the emergency response during implementation of the emergency plan and implementing procedures.
- (3) Demonstrate the ability of the emergency organization to correctly implement the emergency plan and implementing procedures and demonstrate the adequacy of each.
- (4) Demonstrate the ability to dispatch Supply System personnel to the State and County EOCs to conduct accurate and timely technical briefings.
- (5) Demonstrate the Supply System's ability to adequately interface with the NRC's Region V Site Response Team and communicate with the NRC on plant and health physics data.
- (6) Demonstrate adequate performance of selected previous areas of deficiency to allow close out of items. (Specific questions are listed on critique worksheets, Attachment A).

- (7) Demonstrate the ability to effectively communicate with and provide Plant/EOF/Corporate information to Public Affairs and Information or to the Joint Information Center as appropriate.

b. Control Room (Simulator) and Technical Support Center

- (1) Demonstrate the ability to assess the incident conditions, to determine which emergency action levels have been reached, and to classify the incident correctly in accordance with the Emergency Plan Implementing Procedures.
- (2) Demonstrate the ability to initiate notifications to the EOF Communications Center, NRC, and County as applicable, in a proper and timely manner.
- (3) Demonstrate the ability to correctly notify on-site personnel using the plant alerting systems.
- (4) Demonstrate the ability of the emergency staffs to effectively communicate:
 - (a) Between the plant emergency centers.
 - (b) Between the plant emergency centers and the Emergency Operations Facility emergency centers.
- (5) Demonstrate the ability to correctly conduct technical evaluations of the incident conditions and to implement appropriate corrective actions to mitigate the consequences.

(6) Demonstrate the ability to make proper Protective Action Recommendations and implement correct Protective Action Decisions in a timely manner as appropriate.

(7) Demonstrate the ability to transfer support responsibilities efficiently to the augmenting Technical Data Center/Emergency Operations Facility.

c. Operations Support Center

(1) Demonstrate the ability to exercise proper control of in-plant emergency teams, including the implementation of correct health physics measures.

(2) Demonstrate the ability to correctly perform personnel accountability and personnel search of the protected area for a potentially missing individual.

(3) Demonstrate the ability to provide basic first aid to a contaminated and injured person.

(4) Demonstrate the ability to perform personnel decontamination.

(5) Demonstrate adequate team briefing/debriefing techniques.

(6) Demonstrate the ability to make proper decisions regarding re-entry.

d. Emergency Operations Facility

(1) Demonstrate the ability to notify County, DOE and State within the prescribed time allowed, and to notify key emergency organization members in a timely manner.

- (2) Demonstrate the ability to assume support responsibilities from the plant once the EOF is operational.
- (3) Demonstrate the ability to effectively communicate, between the Emergency Operations Facility, the Joint Information Center, County, State, and DOE emergency centers.
- (4) Demonstrate the ability to provide basic first aid to an injured person at the EOF.

f. Joint Information Center

- (1) Demonstrate the ability to efficiently coordinate news release information with DOE, State, and County agencies throughout the incident.
- (2) Demonstrate the ability to produce accurate, coordinated and timely news releases.
- (3) Demonstrate the ability to respond effectively to telephonic queries from the media and the public.
- (4) Demonstrate the ability to accurately monitor media sources for information on the incident.
- (5) Demonstrate the ability to detect and properly act upon rumors.

2. Benton and Franklin Counties:

- a. Demonstrate the ability to effectively make and simulate implementing protective action decisions for members of the public and for emergency workers.

- b. Demonstrate the ability to provide timely and accurate alerting of the public, including the Horn Rapids Offroad Vehicle Park.
- c. Demonstrate the ability to respond with a representative to the EOF and efficiently interface with the Recovery Manager and supporting groups.
- d. Demonstrate the ability to respond with a representative to the JIC and to collectively produce and issue coordinated news releases.
- e. Demonstrate the ability to make a decision based upon predetermined criteria, whether to issue KI to emergency workers.
- f. Demonstrate the ability to supply KI to emergency workers once the decision has been made to issue KI.
- g. Demonstrate the establishment of an access control point to an evacuated area.

3. Joint Supply System, DOE-RL and Washington State:

a. General

- (1) Demonstrate the ability of the Emergency Operations Facility (MUDAC) to perform correct assessments of the radiological consequences.
- (2) Demonstrate proper and efficient deployment of environmental field and (weather permitting) aerial monitoring teams.
- (3) Demonstrate the ability of the monitoring teams to deploy with required equipment, to use the emergency equipment according to procedure, and to perform radiological surveys, and report results.

- (4) Demonstrate the ability of the Emergency Operations Facility staff to coordinate and efficiently utilize Supply System, State, and DOE monitoring teams.
- (5) Demonstrate the Emergency Operations Facility's ability to perform dose assessment and projections of the radiological survey information, to trend this information, and to make and disseminate appropriate Protective Action Recommendations and Decisions.

4. Joint - Supply System, DOE-RL, Washington State and Benton and Franklin Counties:

a. General

- (1) Demonstrate the timely sharing of information on the status of the emergency, and demonstrate the effective coordination of response activities, both within and between emergency centers and with teams in the field.
- (2) Demonstrate the configuration of emergency centers for efficient operations.
- (3) Demonstrate the ability to properly document the emergency conditions and agency response activities.
- (4) Demonstrate timely activation of the emergency centers and personnel.
- (5) Demonstrate effective coordination of the various law enforcement agencies' emergency response activities by the EOF staff.

5. DOE and USCG

Demonstrate the ability to alert the public on the Columbia River (within the EPZ) and disseminate an initial instructional message.

6. Joint Washington State and Benton and Franklin Counties

a. Emergency Worker Center

- (1) Demonstrate the mobilization of staff and prompt activation of a facility.
- (2) Demonstrate that adequate equipment, facility and procedures are available to decontaminate emergency workers, equipment and vehicles.

7. Washington State

a. EOC

- (1) Demonstrate the capability to monitor Benton and Franklin Counties' ability to disseminate appropriate instructions to the public via the EBS in a timely manner.
- (2) Demonstrate ability to provide HP support to decision makers.
- (3) Demonstrate ability to Reactor Assessment Team to provide decision makers with pertinent interpretation of plant radiological status.

b. Field Operations

- (1) Demonstrate the establishment of an access control point to an evacuated area.
- (2) Demonstrate that the appropriate equipment, measures, capabilities and procedures exist to control/limit the emergency dose commitment.

B. LIMITATIONS

1. Routine plant operations will be continued during the exercise. Plant operations are not to be jeopardized.
2. There will not be evacuee role players assigned for the plant or exclusion area. Exclusion Area evacuation will be simulated. The river sirens and the Wye siren will not be sounded.
3. The NRC Site Response Team, the State environmental field teams, JIC, EOF and County EOC respondents will be prepositioned in Richland and begin participation after a time delay of one hour after declaration of the emergency classification which activates their responses.
4. Implementation of roadblocks offsite and WNP-2 site access restrictions will be established for a limited time and discontinued after evaluation has been completed.
5. Actual implementation of offsite protective actions will be simulated.
6. Simulated airborne release will not equal nor exceed PAG's beyond 10 miles.

7. Any required actual emergency situation response by participants will take precedence.
8. Offsite re-entry monitoring or protective action decision making concerning re-entry will not be performed nor simulated.
9. Emergency Control Room operations may be portrayed at the simulator in the Plant Support Facility.
10. Only designated players are to be affected by the scenario.
11. Radioactive material is not to be utilized to "spike" any sample nor for contamination props.
12. Physical manipulation of plant operational systems will be simulated.
13. Actual security is not to be jeopardized.
14. PASS sampling will not be demonstrated; however, it may be simulated.
15. Mutual aid response by other utilities will not be demonstrated nor simulated.
16. Dosimetry at the PAP and AAP will remain in place and will not be transported to the EOF.
17. An actual shift change will not be demonstrated.
18. Alternate emergency centers will not be required to be activated.
19. Transportation offsite to a medical facility will not be demonstrated nor simulated.
20. The JIC may only be partially pre-staged with respect to phone equipment setup only.

SELECTED PREVIOUS AREAS OF DEFICIENCY

1986 Emergency Exercise

III-D-16 84

Control Room (Simulator) Evaluation Questions

Time • ItemNOTE: Any negative response should result in an Unfavorable Evaluation

- A. Were augmenting telephone talker personnel obtained and utilized?
(N83C-46, EX84B-02-3, I85-3-1, 85-3C2)
- B. Were proper records maintained? (N84C-c, EX84C-D3-10)
- C. Were initial classifications and notifications made in a timely manner?
(NOUE/85A-D1-1)
- D. Were technical communications with the TSC staff correct and timely?
(EX85B-2 and C-36)
- E. Was GDS data verified by other plant indicators? (84-5B-D2-4)
- F. Were the proper emergency signals used? (EX85B-14)
- G. Were members of the staff familiar with the PAR diagram? (84-5C-D1-3,
EX84C-D3-14)
- H. Did the external staff, such as the JIC Director, refrain from making
calls to the Control Room? (EX85C-31)

Operations Support Center Time-Line Items

OSC Evaluation Questions

NOTE: Any negative response should result in an Unfavorable Evaluation

- A. Was proper control of the reentry teams exercised, including briefings and debriefings? (N83B-48, N84C-f, EX84A-D 1-1, I85 2-1, 85-3B-2, EX85B8, B9, B10, B13 and B15)
- B. Were potential emergency team members SCBA qualified/current? (N83B-51, 84-5B-D2-1)
- C. Were radiological controls and considerations adequate? (N83C-50, EX85B6, B7, B11 and B12)
- D. Was the emergency center space efficiently utilized? (N84C-e)
- E. Was the shielding study information utilized to determine the safest routes for reentry teams? (N83B-49)
- F. Did the HP technicians appear to be knowledgeable in their duties? (N83B-55, 85-2B-C1)
- G. Were nonessential personnel ordered to evacuate from the plant promptly, and was accountability conducted correctly? (N83C-54, EX84C-D3-2)
- H. Did the fire brigade respond in a timely manner? (84-5A-D3-1)
- I. Were emergency PA set messages audible in the center? (EX84A-D1-2, 85-3B-3, EX85B-3)
- J. Was the emergency center noise level properly controlled? (84-5B-D2-2)

Operations Support Center Evaluation Questions

- K. Were the status boards maintained in a timely fashion? (84-5B-D2-5)
- L. Were radiological issues adequately coordinated with the RPM/REM?
(EX85B-4, B-5)
- M. Was the player accountability log legible? (EX84B-D2-2)
- N. Was the accountability coordinator able to ascertain accountability
information from the other plant emergency centers? (EX84C-D3-15)
- O. Was access to the GSB through the maintenance shop roll-up door, and the
I&C shop north door, restricted? (EX84C-D3-34)
- P. Were any overheard data transmission errors challenged by the log
keepers? (84-6C-5)
- Q. Were the reentry team members able to operate the orange portable phones
readily? (84-6C-6)
- R. Were needed reference materials available in the center? (EX84C-D3-4 and
D3-35, 85-3C-3 and C-7)
- S. Were center activation instruction cards used? (85-3C-58)
- T. Was the clamshell stretcher stowed in the OSC readily accessible?
(85-3C-16)
- U. Were data on hazards properly interpreted and conservative courses of
action selected regarding protective clothing/equipment decisions?
(86-1B-1/2)
- V. Were only calibrated/properly functioning items of equipment utilized?
(86-1B-3)

Operations Support Center Evaluation Questions

- W. Were phone outlets readily accessible in the center? (86-1 C-1)
- X. Did the staff appear familiar with the types and functions of emergency equipment available in the center? (86-1C-3)
- Y. Was the listing of personnel on the CAS accountability printout in some usable order e.g. alphabetical, slot number, etc.? (86-1C-4)
- Z. Did the accountability and evacuation procedures appear to be workable? (86-1C-5)

Technical Support Center Evaluation Questions

NOTE: Any negative response should result in an Unfavorable Evaluation

- A. Were notification responsibilities properly transferred to the EOF when the Recovery Manager assumed control? (F83B-15c, 85-3C-12)
- B. Were needed reference materials available, but restricted to controlled procedures? (EX84C-D3-4, 85-3B-4, I85-2-1)
- C. Were required protective action recommendations made and disseminated correctly and promptly? (EX85A-1)
- D. Were emergency PA set messages audible in the center? (EX84A-D1-2, 85-3B-3, EX85B-3)
- E. Was the TDC staff kept informed of plant status? (84-5B-D2-3)
- F. Was GDS data verified by other plant indicators? (84-5B-D2-4)
- G. Were status boards maintained in a timely fashion, and in consonance with GDS data? (84-5B-D2-5, EX85-C20)
- H. Could the plant PA set be activated from the center? (84-5B-D2-7, 85-3C-59)
- I. Were technical communications with the control room staff correct and timely? (EX85B-2 and C-36)
- J. Were radiological issues adequately coordinated with the OSC/MUDAC staffs? (EX85B-4, B-5)
- K. Were the proper emergency signals used and followed? (EX85B-14)

Technical Support Center Evaluation Questions

- L. Was the plant Security Force informed of protective measures and other key actions? (85-3B-6, EX85B-16)
- M. Were Plant emergency PA announcements made by the PED from the control room, or TSC, as appropriate? (85-3C-59, EX85B-3)
- N. Could the staff access the computer adequately? (84-5C-E1-5, 85-3C-10)
- O. Did the TDC staff provide the analyses and information requested by the TSC staff? (84-5C-E2-5)
- P. Did the information network function as designed in EPIP 13.11.18? (EX85-3C-23)

Supply System Decision Center Evaluation Questions

NOTE: Any negative response should result in an Unfavorable Evaluation

- A. Were protective action recommendations prepared and disseminated in a timely and correct manner? (F84B-1, EX84B-D2-6, I85-1-1, 85-3B-7, EX85A-1)
- B. Was the EOF staff made aware, on a timely basis, of protective actions implemented by offsite agencies? (84-5A-D1-11, 85-3C-20)
- C. Were the numbers of people in the center, and the noise level, properly controlled? (EX84C-D3-31, 85-3C-22)
- D. Were update briefings conducted frequently, and did they include input from the staff and offsite agency representatives on conditions/responses? (84-5C-D1-6, 85-3C-20, EX85C-32 and C-33)
- E. Were notification responsibilities properly transferred to the EOF when the EOF was activated and Recovery Manager assumed control? (85-3C-12)
- F. Were the PA emergency announcements audible? (85-3C-33)
- G. Were near-site PAD's implemented properly? (EX85-3C-34)
- H. Were the emergency center charts correctly and promptly posted? (F84C-9)

Security Decision Center Evaluation Questions

NOTE: Any negative response should result in an Unfavorable Evaluation

- A. Was the staff cognizant of the status of DOE and county road barricade establishment? (F83C-13)
- B. Was the staff cognizant of the status of the river evacuation? (F83C-12)
- C. Was the EOF staff made aware, on a timely basis, of protective actions implemented by offsite agencies? (F83C-3, 84-5A-D1-11, 85-3C-20)
- D. Were the PA set emergency announcements audible? (85-3C-33)
- E. Were the status boards properly maintained? (85-3B-8)
- F. Was the center activated at the Alert classification? (85-RC-6)
- G. Was the procedure used for river evacuation (EPIP 13.5.4) POC approved (85-RC-7).

EOF Communications Center Evaluation Questions

NOTE: Any negative response should result in an Unfavorable Evaluation

- A. Were telephonic notifications to offsite agencies initiated, and received, within the time limits? (F83B-11, EX84B-D2-9, 84-5B-E2-9, 85-3C-18)
- B. Did the center staff receive the required, and only the required, pager call-backs? (84-5B-E2-3, EX84C-D3-29, 85-3B-9)
- C. Were facsimile notifications to offsite agencies initiated, and received, in a timely manner? (84-5C-D1-14)
- D. Did the flow of EOF hardcopy information work properly? (85-3C-31, EX85C-37)
- E. Did facsimile traffic move in and out in a timely manner? (84-5C-D1-14, EX85C-12)
- F. Were update notifications to the State routed to the State duty officer/receiver promptly? (EX84B-D2-9)

Offsite Agency Coordination Center Evaluation Questions

NOTE: Any negative response should result in an Unfavorable Evaluation

- A. Did the county representative obtain timely and accurate information from the County EOC staff on the protective responses? (F83C-2)
- B. Were status boards maintained in a timely fashion? (84-5B-D2-5)
- C. Were the PA set emergency announcements audible? (85-3C-33)
- D. Did the State representatives coordinate with one another on information being passed to counterparts in the State EOC? (F83C-5)
- E. Did the Governor's Representative receive adequate briefings on the situation? (85-3C-34)
- F. Were offsite agency representatives kept informed of the Supply System conditions and responses? (85-3C-61)
- G. Did the DSHS representatives understand their roles, and the EOF information sources? (EX85C-7)
- H. Did the information network function as designed in EPIP 13.11.18? (EX85-3C-23)
- I. Was the EOF staff made aware, on a timely basis of protective actions implemented by offsite agencies? (84-5A-D1-11, 85-3C-20)

Technical Data Center Evaluation Questions

NOTE: Any negative response should result in an Unfavorable Evaluation

- A. Did the TDC staff members understand their input requirement to the PAR process? (N84C-g)
- B. Was the staff kept informed by the TSC staff of plant status? (84-5B-D2-3, 85-3B-11)
- C. Were the PA set emergency announcements audible? (85-3C-33)
- D. Was the noise level controlled to a reasonable level, and was the size of the staff restricted to the positions enumerated in the procedure? (85-3C-39)
- E. Were the status board entries legible? (84-5C-E1-15, EX85C-22)
- F. Did the information network function as designed in EPIP 13.11.18? (EX85-3C-23)
- G. Did the staff provide the analyses and information requested by the TSC staff? (84-5C-E2-6)
- H. Was the center log properly maintained? (EX85-3C-21)
- I. Were needed reference materials available? (EX84C-D3-4, 85-3C-38)

MUDAC Time-Line Items

NOTE: Any negative response should result in an Unfavorable Evaluation

- A. Was projected integrated dose, rather than dose rate, used to prepare PARs for the public? (F83C-19)
- B. Did the MUDAC staff receive frequent required updates on plant conditions from the TDC? (N83C-58, 85-3C-36)
- C. Did the Protective Action Decision Group members appear to be familiar with the procedures and process? (F83C-11, EX84C-D3-47)
- D. Were PARs, both for the public and for emergency workers, prepared in a timely and correct manner? (F84B-1, 85-3B-7, B-14 and C-43, EX84B-D2-6, I85-1-1)
- E. Was field data compared with projected data, and this comparison recorded pursuant to EPIP 13.8.1, Attachment A, 13.11.14 and 13.14.2, Attachment B? (F83B-8, F84C-8, EX84C-D3-24, 85-3C-42)
- F. Were default values found in EPIP 13.8.1 used with the EDPS? (F84B-2, EX84C-D3-26)
- G. Was field data properly used to define the extent of the plume? (F83B-5, C-18, 84-2B-D5)
- H. Were dose projection calculations properly performed? (84-5B-E2-6, EX85-B-19)

MUDAC Evaluation Questions

- I. Were the field teams briefed and controlled properly? (F83B-2, -4, -6 and -7; N83C-59 and -60, F84B-3, 84-5B-E2-7, EX84B-D2-8, F84B-3, 85-3B-12)
- J. Were protective action decisions promptly disseminated to field teams? (F83B-3)
- K. Were communications promptly established, and maintained, with field teams? (F83B-1)
- L. Were the data sheets and other important records properly controlled? (N83C-57)
- M. Were the status boards and maps posted in a timely manner? (EX84B-D2-7, 85-3C-41)
- N. Were radiological issues adequately coordinated with the REM? (EX85B-5)
- O. Was the MUDAC staff internal command and control effective? (EX85B-18)
- P. Were DOE and State staff members who arrived after activation adequately briefed? (84-2B-D2)
- Q. Were the PA set emergency announcements audible? (85-3C-33)
- R. Did the information network function as designed in EPIP 13.11.18? (EX85-3C-23)

Field/Aerial Monitoring Team Evaluation Questions

NOTE: Any negative response should result in an Unfavorable Evaluation

- A. Were the field/aerial team kits complete, including where appropriate, check sources and river evacuation procedures, and were calibrations current? (F83C-4, 84-5B-D2-9 and D2-10, 84-5C-D1-12, F84C-6 and C-7, EX84B-D2-12 and D3-44, 85-3B-13 and B-15, EX85C-38)
- B. Were air samples taken at plume center lines? (84-2B-D11, F84C-9, EX84C-D3-46, 85-3B-16)
- C. Did team members perform their monitoring tasks properly and otherwise display familiarity with procedures? (84-2B-D6, F84C-8, EX84C-D3-45, 85-3B-16 and C-63, I85-3-2)
- D. Did team members take appropriate protective measures on their own? (N83C-60, EX85C-25)
- E. Were silver zeolite filters, rather than charcoal filters, used to take air samples? (N83C-61)
- F. Did team members follow procedures regarding the checking of samples with a survey meter? (N83C-61)
- G. Were samples marked with permanent markers? (84-6B-C1)
- H. Was the river evacuation kit utilized by the team on the Coast Guard boat obtained at the MPF? (85-RC-5)

HP Center Evaluation Questions

NOTE: Any negative response should result in an Unfavorable Evaluation

- A. Did the staff adhere to sound HP practices, such as found in RPI 11.4.1 and 11.4.2? (84-4A-D1-1)
- C. Were protective clothing requirements of the RWP adhered to? (84-4B-D2-1)
- D. Were samples marked with permanent markers? (84-6B-C1)
- E. were environmental samples logged properly and in a timely manner? (84-5B-E2-8, 84-6C-4)
- F. Were the PA set emergency announcements audible in the chem lab? (85-3C-33)
- G. Were the posted Radiological Control Area barricades honored by all staff members? (86-1B-4)

Joint Information Center Evaluation Questions

NOTE: Any negative response should result in an Unfavorable Evaluation

- A. Were news releases timely, accurate and coordinated, and did they include PARs, items from news conferences and contact telephone numbers?
(85-3B-18, EX85B-20, B-21, C-1, C-8, C-11, C-15 and I85-7-1)
- B. Did the staff monitor the local electronic media and AP wire for coverage of the event? (84-3B-D2, F84C-4, EX84C-D3-28, I85-7-2, 85-3B-17)
- C. Did the media hot line recorded messages include information about the JIC, news conferences, or other means provided for media access? (F83C-23)
- D. Were the time portions of the status boards clear as to which times (e.g. event, news release, etc.) were being referred to? (F83C-25)
- E. Was notification of center activation sent to all required agencies?
(84-3B-D1)
- F. Did the Managing Director/Representative receive timely and accurate information? (84-5C-D1-13, EX85C-40)
- G. Did responding agencies, e.g. Benton County, provide spokesperson ETA and interim news release authority? (84-3C-1a)
- H. Did facsimile of EBS messages reach the JIC in a timely manner? (84-3C-12)
- I. Were slides projected during the news conferences readily visible?
(F83C-26, F84C-6, EX84C-D3-20, I85-7-3, 85-3C-52, E85C-10)

Joint Information Center Evaluation Questions

NOTE: Any negative response should result in an Unfavorable Evaluation

- J. At news conferences were questions repeated by the JIC Director for audio record, and were unanswered questions noted for later resolution?
(F83C-27, I85-7-3, 85-3C-52)
- K. Did the telephone response teams receive timely updates on status?
(84-3C-1d, EX84B-D2-5)
- L. Did the telephone team lines remain open during the news conferences?
(F84C-5, EX84B-D2-5)
- M. Were the required initial calls made to the media by the Media Telephone Team? (EX85-3C-2)
- N. Were some key person duties, such as those of the PITT supervisor, delegated to avoid individual "overloading"? (EX85-3C-5)
- O. Were needed reference materials available, but restricted to controlled procedures? (EX84C-D3-4, 85-3B-4, I85-2-1)

Benton County EOC Evaluation Questions

NOTE: Any negative response should result in an Unfavorable Evaluation

- A. Were EBS messages complete and appropriate for the situation, and were they made for each PAR? (F83B-1, EX85A-1, C-15, C-31 and C-39)
- B. Were fan out notifications completed within the 15 minute default times? (F83C-1)
- C. Were EOC staff briefings given on critical activities, such as the activations of assistance centers? (F84C-1, EX84C-D3-36)
- D. Were PARs implemented within default times? (85-3B-19)
- E. Was the District Health Officer involved in the decision to administer KI to emergency workers, and was the decision coordinated? (EX84C-D3-38, EX85B-22)
- F. Were telephonic notifications received within default times, and were facsimile notifications received within reasonable times? (84-5C-D1-14, EX84B-D2-9, 85-3C-18)
- G. Were status boards properly maintained? (85-3B-20)
- H. Was the EOC staff made aware, on a timely basis, of protective actions implemented by county agencies? (84-5C-D1-11, 85-3C-20)
- I. Were facsimile machine operators able to operate the equipment properly? (84-5C-E2-2)

Benton County EOC Evaluation Questions

- J. Was the ETA of the JIC spokesperson, and the name/number of the interim news release authority, provided to the JIC staff? (84-3C-1a)
- K. Were facsimile copies of EBS messages sent to the JIC in a timely manner? (84-3C-12)

State EOC Evaluation Questions

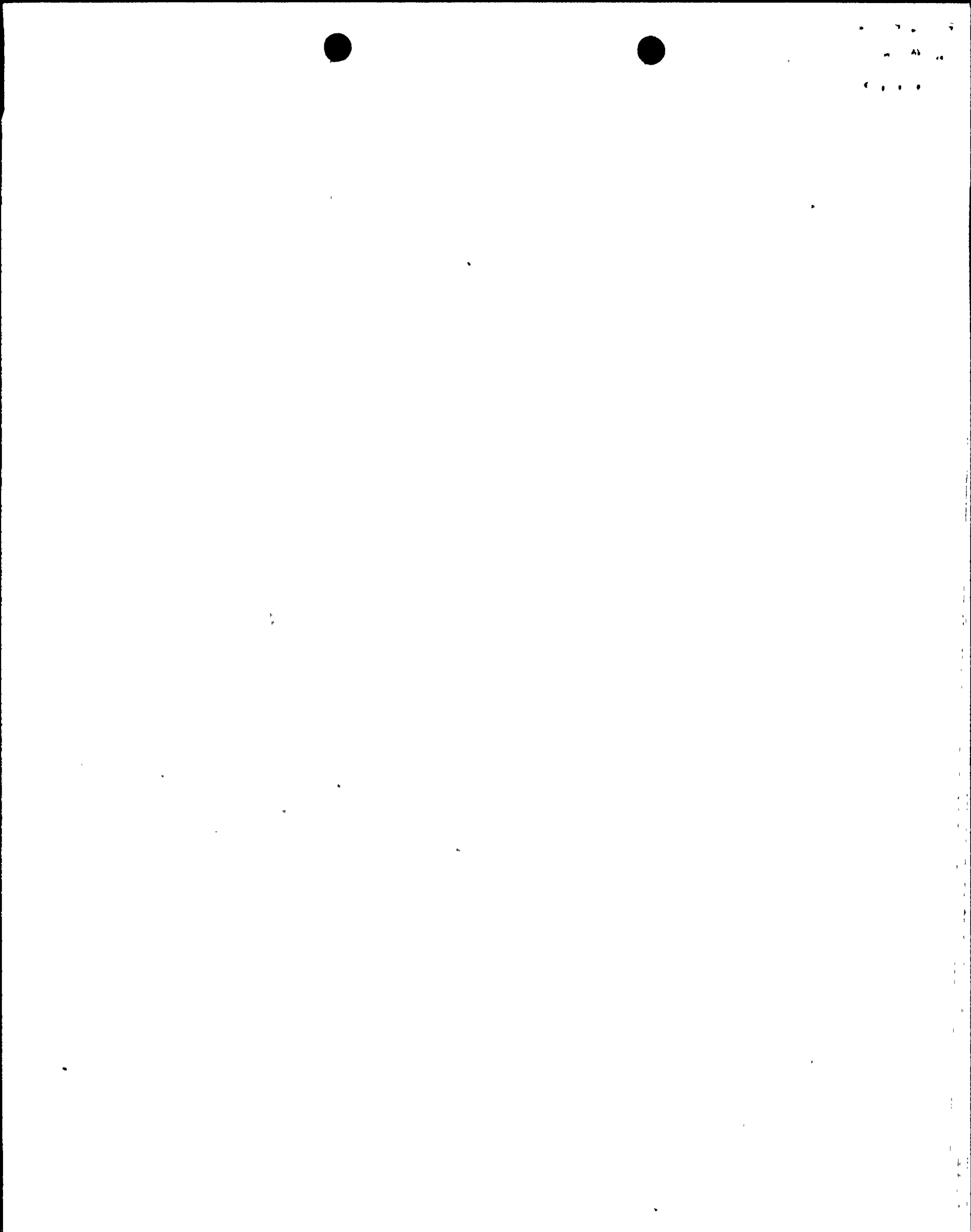
NOTE: Any negative response should result in an Unfavorable Evaluation

- A. Was the set-up of the EOC accomplished quickly? (F84B-1, EX84B-D2-10)
- B. Was the tracking/display of EBS message content accomplished? (F84-B-2, EX84B-D2-11)
- C. Did the roles of the Supply System representatives appear to be clear to them? (F83S-20)
- D. Did the technical staff members integrate information properly with the Supply System representatives? (F83C-3)
- E. Did the staff members know how to operate the telephones, including initiation of a conference call? (F84C-3, EX84C-D3-41)
- F. Was the rumor control telephone number disseminated promptly? (F84C-4)
- G. Did the status board posting reflect "effective" or "accurate for" times? (84-5B-D2-5, F84C-5, EX84C-D3-43)
- H. Were telephonic notifications received within default times, and were facsimile notifications received within reasonable times? (84-5C-D1-14 and E-2-9, EX84B-D2-9, 85-3C-18)
- I. Were fanout notifications completed within default times, and was information passed verbatim? (84-5B-D2-11 and E1-27)
- J. Was the EOF staff made aware, on a timely basis, of protective actions being implemented? (84-5C-D1-11, 85-3C-20)

Coast Guard Station Evaluation Questions

NOTE: Any negative response should result in an Unfavorable Evaluation

- A. Were the procedural texts of the river evacuation loudspeaker messages appropriate for the simulated situation? (85-RC-1)
- B. Were boaters directed to Leslie Groves Park, instead of to the Old Hanford Townsite or to White Bluffs? (85-RC-2)
- C. Was the control link to the evacuation vessel through the appropriate control agency? (85-RC-3)
- D. Did the patrol vessel crew run straight up river broadcasting the evacuation message, and then during the return trip check the back waters for potential evacuees? (85-RC-4)



Previous Evaluation Finding Reference

- A. Single Letter Prefix (if applicable): Outside agency marking observation:
 - F - FEMA
 - I - INPO
 - N - NRC
- B. Multiple Letter Prefix (if applicable):
 - EX - Exercise, internal observation
 - NOUE - Notification of Unusual Event, actual emergency
- C. First Number: CY of activity, e.g. 83, 84, 85, etc.
- D. Subsequent Number: Designation of drill, e.g. 84-5, 85-3, etc.
- E. Subsequent Letter: Category of finding, if applicable:
 - A - Major Deficiency
 - B - Minor Deficiency
 - C - Item for Clarification
- F. Subsequent letters and numbers: observation designation in critique.
- G. Examples:
 - N83C-46:
 - N - NRC observation
 - 83 - 1983 exercise
 - C - Item for clarification
 - 46 - Number in the critique

Previous Evaluation Finding Reference

EX84B-D2-3

EX - Exercise internal observation

84 - 1984

B - Minor deficiency

D2-3 - Number in the critique

I85 2-1

I - INPO observation

85 - 1985 drill

2-1 - Number in the critique

F84C-9

F - FEMA observation

84 - 1984

C - Item for clarification

9 - Number in the critique

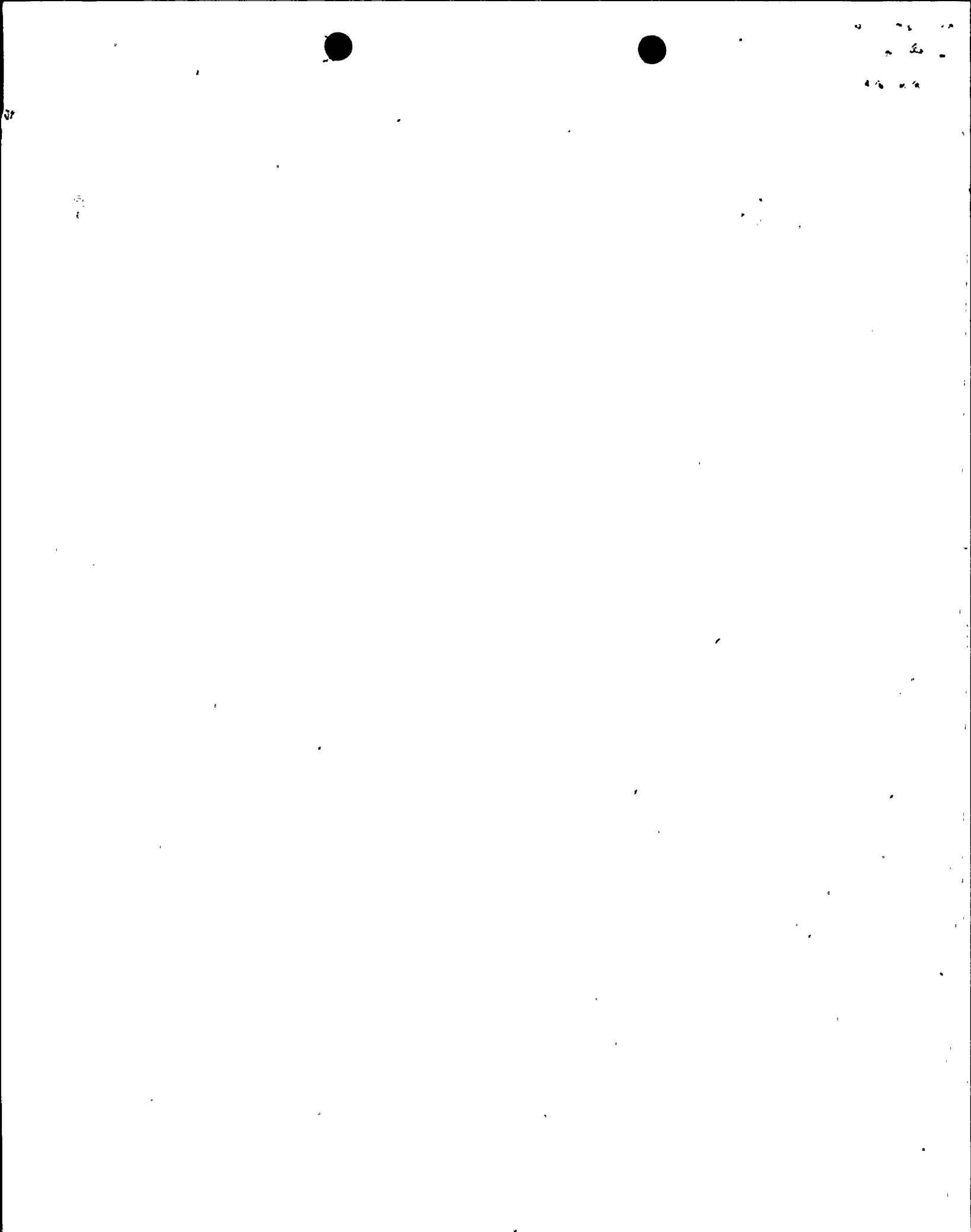
85-3A1

85 - 1985

3 - Drill 85-3

A - Major deficiency

1 - Number in the critique



DISTRIBUTION:

Docket No. 50-397
BWD-3 r/f
EHylton (2)
JBradfute

July 10, 1986

DOCKET NO(S). 50-397

Mr. G. C. Sorensen, Manager
Washington Public Power Supply System
P.O. Box 968
3000 George Washington Way
Richland, Washington 99352

SUBJECT:

WNP-2

The following documents concerning our review of the subject facility are transmitted for your information.

- ☐ Notice of Receipt of Application, dated _____.
- ☐ Draft/Final Environmental Statment, dated _____.
- ☐ Notice of Availability of Draft/Final Environmental Statement, dated _____.
- ☐ Safety Evaluation Report, or Supplement No. _____, dated _____.
- ☐ Notice of Hearing on Application for Construction Permit, dated _____.
- ☐ Notice of Consideration of Issuance of Facility Operating License, dated _____.
- ☒ ~~XXXXXX~~ Bi-Weekly Notice; Applications and Amendments to Operating Licenses Involving no Significant Hazards Considerations, dated July 2, 1986, pg 24266
- ☐ Application and Safety Analysis Report, Volume _____.
- ☐ Amendment No. _____ to Application/SAR dated _____.
- ☐ Construction Permit No. CPPR- _____, Amendment No. _____ dated _____.
- ☐ Facility Operating License No. _____, Amendment No. _____, dated _____.
- ☐ Order Extending Construction Completion Date, dated _____.
- ☐ Other (Specify) _____

Office of Nuclear Reactor Regulation

Enclosures:
As stated

cc:

OFFICE	LA: BWD-3: DEL						
SURNAME	EHylton/hmc						
DATE	7/10/86						

[illegible]

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818

the 1990s, the number of people in the world who are illiterate has increased from 400 million to 600 million. The number of illiterate people in the world is expected to reach 700 million by the year 2015. The number of illiterate people in the world is expected to reach 800 million by the year 2020. The number of illiterate people in the world is expected to reach 900 million by the year 2025. The number of illiterate people in the world is expected to reach 1 billion by the year 2030. The number of illiterate people in the world is expected to reach 1.1 billion by the year 2035. The number of illiterate people in the world is expected to reach 1.2 billion by the year 2040. The number of illiterate people in the world is expected to reach 1.3 billion by the year 2045. The number of illiterate people in the world is expected to reach 1.4 billion by the year 2050. The number of illiterate people in the world is expected to reach 1.5 billion by the year 2055. The number of illiterate people in the world is expected to reach 1.6 billion by the year 2060. The number of illiterate people in the world is expected to reach 1.7 billion by the year 2065. The number of illiterate people in the world is expected to reach 1.8 billion by the year 2070. The number of illiterate people in the world is expected to reach 1.9 billion by the year 2075. The number of illiterate people in the world is expected to reach 2 billion by the year 2080. The number of illiterate people in the world is expected to reach 2.1 billion by the year 2085. The number of illiterate people in the world is expected to reach 2.2 billion by the year 2090. The number of illiterate people in the world is expected to reach 2.3 billion by the year 2095. The number of illiterate people in the world is expected to reach 2.4 billion by the year 2100.

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

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