



FirstEnergy Nuclear Operating Company

Beaver Valley Power Station
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October 28, 2003
L-03-177

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

**Subject: Beaver Valley Power Station, Unit No. 1 and No. 2
BV-1 Docket No. 50-334, License No. DPR-66
BV-2 Docket No. 50-412, License No. NPF-73
Beaver Valley Power Station Emergency Preparedness Plan
Implementing Procedures**

In accordance with 10 CFR Part 50.4, this letter forwards a recent revision of the Beaver Valley Power Station Emergency Preparedness Plan Implementing Procedures to the Nuclear Regulatory Commission. The change consists of the addition of Implementing Procedure, 1/2-EPP-IP-7.3 "Emergency Preparedness Testing." This change does not decrease the effectiveness of the Plan and the Plan, as changed, continues to meet the requirements of Appendix E of 10 CFR 50. Therefore, 10 CFR Part 50.54(q) requires that this change be submitted for information only.

There are no regulatory commitments contained in this letter. If there are any questions concerning this submittal, please contact Ms. Susan L. Vicinie, Manager, Emergency Preparedness at 724-682-5767.

Sincerely,



L. William Pearce

Enclosure 1 – Implementing Procedure 1/2-EPP-IP-7.3

c: Mr. T. G. Colburn, NRR Senior Project Manager (w/o Enclosure)
Mr. P. C. Cataldo, NRC Sr. Resident Inspector (w/o Enclosure)
Mr. H. J. Miller, NRC Region I Administrator (2 copies)

A045

Beaver Valley Power Station

Unit 1/2

1/2-EPP-IP-7.3

EMERGENCY PREPAREDNESS TESTING

Document Owner
Manager, Emergency Preparedness

Revision Number	0
Level Of Use	General Skill Reference
Safety Related Procedure	Yes

**CONTROLLED
BVPS UNIT 3**

Beaver Valley Power Station

Procedure Number:
1/2-EPP-IP-7.3

Title:

EMERGENCY PREPAREDNESS TESTING

Unit:

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Title: EMERGENCY PREPAREDNESS TESTING	Unit: 1/2	Level Of Use: General Skill Reference	
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<p>1.0 <u>PURPOSE</u></p> <p>1.1 The purpose of this procedure is to provide guidance and documentation of actions to be completed monthly, quarterly and/or annually to update telephone numbers and ensure proper operation and testing of the Beaver Valley Power Station emergency communication systems.</p> <p>2.0 <u>SCOPE</u></p> <p>2.1 This procedure applies to the EP staff, and other Emergency Response Organization (ERO) personnel.</p> <p>2.2 A Condition Report shall be written each year to track the performance of all Emergency Preparedness testing to be performed during the upcoming year.</p> <p>2.2.1 A Corrective Action shall be written for each individual test to be performed.</p> <p>2.2.1.1 Testing to be performed shall include:</p> <ul style="list-style-type: none"> • Communications Checks • Unannounced ERO Beeper Tests • Siren Tests <p>2.2.2 Additional Corrective Actions shall be written for:</p> <ul style="list-style-type: none"> • Writing a Condition Report for the following year • Siren Maintenance Training • Transmitting documentation, as required <p>3.0 <u>REFERENCES AND COMMITMENTS</u></p> <p>3.1 <u>References</u></p> <p>3.1.1 10 CFR 50</p> <p>3.1.2 Beaver Valley Power Station Emergency Preparedness Plan and Implementing Procedures</p> <p>3.1.3 NUREG-0654</p> <p>3.1.4 Condition Report 970712</p> <p>3.1.5 Condition Report 972287</p> <p>3.1.6 Condition Report 972048</p>			

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3.1.7 Response to NRC November Inspection Report 50-334/97-09, 50-412/97-09

3.1.8 1/2OST-57.1, 1/2OST-57.2, 1/2OST-57.3

3.1.9 Condition Report 991947

3.1.10 Condition Report #01-3198-81

3.1.11 Condition Report #02-02667, 02-05421

3.2 Commitments

3.2.1 None

4.0 RECORDS AND FORMS

4.1 Records

4.1.1 Once completed, all forms become QA Records

4.2 Forms

4.2.1 EPP-IP-7.3.F01 Monthly Communications Test

4.2.2 EPP-IP-7.3.F02 Quarterly Communications Test – Offsite Phone Numbers

4.2.3 EPP-IP-7.3.F03 Quarterly Communications Test – Onsite Phone Numbers

4.2.4 EPP-IP-7.3.F04 Quarterly Communications Test - TSC

4.2.5 EPP-IP-7.3.F05 Quarterly Communications Test - EOF

4.2.6 EPP-IP-7.3.F06 Quarterly Communications Test - JPIC

4.2.7 EPP-IP-7.3.F07 Quarterly Communications Test - AEOF

4.2.8 EPP-IP-7.3.F08 Quarterly Communications Test - Direct Ringdown Phones

4.2.9 EPP-IP-7.3.F09 Quarterly Communications Test – Headset Circuits

4.2.10 EPP-IP-7.3.F10 Quarterly Communications Test - EOF Nuclear Communications

4.2.11 EPP-IP-7.3.F11 Quarterly Communications Test - FAX Number Verification

4.2.12 EPP-IP-7.3.F12 Quarterly Communications Test - Radios

4.2.13 EPP-IP-7.3.F13 Quarterly Emergency Response Data System (ERDS) and/or Plant Computer Systems Tests

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<p>4.2.14 EPP-IP-7.3.F14 Annual Communications Test</p> <p>4.2.15 EPP-IP-7.3.F15 ERO Voice Mail System Test</p> <p>5.0 <u>RESPONSIBILITIES</u></p> <p>5.1 <u>Director, Work Management Department</u></p> <p>5.1.1 Has overall authority for the Emergency Preparedness Program and all associated Administrative Procedures.</p> <p>5.2 <u>Manager, Emergency Preparedness (MEP)/designee</u></p> <p>5.2.1 Responsible for the review of communications tests per this procedure.</p> <p>5.3 <u>Lead Nuclear Technologist, Emergency Preparedness</u></p> <p>5.3.1 Responsible for designating a Communicator to conduct communications tests.</p> <p>5.3.2 A determination SHALL be made by the Onsite EP Lead Nuclear Technologist as to correcting phone numbers in EPP/IP 1.1, and/or applicable Auto Dialers in the Control Room and/or ERF Building.</p> <p>5.3.2.1 Phone number changes involving this procedure (NRC phone lines) SHALL be made upon NRC notification.</p> <p>5.3.3 If a facility, or equipment within an emergency facility, is changed/relocated, the following SHALL occur:</p> <p>5.3.3.1 A determination of the impact of new, or relocated facility/equipment, SHALL be made by the Onsite EP Lead Nuclear Technologist.</p> <p>5.3.3.1.1 This determination SHALL include the review of appropriate regulatory requirements (10 CFR 50, NUREG-0654, NUREG-0696, etc.) and BVPS Procedures prior to the relocation of the facility/equipment.</p> <p>5.3.3.1.2 Upon this determination, appropriate procedures, training, etc., SHALL be revised, as appropriate.</p> <p>5.4 <u>Communication Checks Coordinator</u></p> <p>5.4.1 EP personnel as assigned by the Lead Nuclear Technologist, Emergency Preparedness to coordinate the Communications Checks.</p>			

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5.5 Communicators

5.5.1 Responsible for the completion of telephone communications equipment testing and shall indicate telephone number changes during the performance of the tests.

5.5.2 Responsible for the completion of other equipment checks listed in the attachments and indicating identified deficiencies.

6.0 PRECAUTIONS AND LIMITATIONS

6.1 Precautions

6.1.1 The Communications Checks Coordinator/EP Representative SHALL contact the specific individual(s) to conduct each test.

6.1.2 Copies of the paperwork should be supplied to the designated person conducting the test.

6.2 Limitations

6.2.1 The Communications Checks Coordinator/EP Representative SHALL provide appropriate documents for the Communicator to conduct the specific test.

7.0 PREREQUISITES

NOTE: ALL four-digit PAX numbers identified are (724) 682-XXXX.

7.1 Monthly communications tests should be conducted the second Wednesday of the month between the hours of 9:00 a.m. and 11:30 a.m. An Actual Event, Exercise or Drill may substitute for a communications test for that month.

7.1.1 Notifications to the Counties and the States are made utilizing pre-programmed auto dialer phones. Three auto dialers are located in the TSC Communications Area and one is located in the Control Room next to the Administrative Assistant desk.

7.1.2 Directions to use the auto dialers are near the phones or on the phone unit itself.

7.1.3 All information should be written on the form to fill all lines. All lines not used should be crossed out, or "N/A" should be written on the spaces.

7.2 Quarterly communications tests may be done any time during the quarter and may be conducted simultaneously with the monthly test.

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7.3 The quarterly ERDS test is pre-set by a schedule designed to accommodate the NRC schedule for all Nuclear Power Plants. For BVPS, testing is performed the first Tuesday of the first full week of the first month of each quarter beginning the month of January (i.e., January, April, July, October). Transmit ERDS data from each unit for two (2) hours (normally 0900 through 1100 hours).

7.3.1 The NRC has the option to change this date/time without prior notice. Prior to starting the test, verification calls should be made to the NRC (ERDS) Center to confirm time/date.

7.3.2 Prior arrangements are to be made with Plant Engineering, Plant Computer and with one of the Computer Coordinators to conduct the test on a rotating schedule. If a Coordinator is unavailable, a Computer Operator/designee shall conduct the test.

7.4 Other Quarterly Tests SHALL be scheduled by the EP Section in conjunction with assigned ERO personnel, as appropriate.

7.5 The Annual communications test may be conducted any time during the year and may be conducted simultaneously with the monthly and/or quarterly test.

7.6 The annual ERO Voice Mail System Test must only be performed if Part VII.C of 1/2 OST-57.1 has not been performed during the calendar year.

7.6.1 The EP Section will select a date if performance of this test is required and

- Verify the date and time with Security at least one week in advance, if possible.
- Notify the ERO of the date and ERO Team selected for participation.

7.7 Compare Phone Numbers to 1/2-EPP-IP-1.1.F02

7.7.1 The person conducting the test SHALL develop a listing of any phone number changes from the Monthly, Quarterly or Annual Phone Tests after each test.

7.7.2 The person conducting the test SHALL also document any equipment malfunctions identified during the tests.

7.7.3 The person conducting the test SHALL document any new, or relocated, equipment identified.

8.0 PROCEDURE

8.1 The following terms used in this procedure are defined as follows:

8.1.1 Automatic Dialer

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8.1.1.1 A telephone unit capable of being programmed with numbers corresponding to entities or agencies which are to be notified within a time constraint in the event of a specified plant emergency.

8.1.2 Hot Line (DEP/BRP)

8.1.2.1 One of two telephones which, when lifted out of the phone cradle, will commence automatic ringing on the other end until answered. One is located in the EOF, the other is located on the console in Unit 1 SM office. They both are connected to DEP/BRP.

8.1.3 ERDS

8.1.3.1 Emergency Response Data System - used to feed specific plant data direct via computer feed to the NRC.

8.2 Obtain copy of the appropriate form. (Form supplied by the Communications Checks Coordinator)

8.3 Perform the required checks using the guidance provided on the form and in Attachment B of this procedure.

8.4 At the conclusion of the Communication Check, do the following:

8.4.1 Consult the Acceptance Criteria in Attachment B of this procedure.

8.4.2 In the appropriate area on the form list:

- Phone # changes.
- Equipment discrepancies/malfunctions
- Any new or relocated equipment.

8.4.3 Initiate a Condition Report for any deficiencies noted.

8.5 Review

8.5.1 The Manager, Emergency Preparedness (MEP)/designee will review all paperwork, ensuring all documentation of the required tests have been dated and initialed.

8.5.1.1 Will verify the signing of each authorization page for the specific form.

8.5.1.2 SHALL verify a Condition Report for any deficiencies noted on the Communications Test Problem Sheets has been initiated.

8.5.1.3 SHALL forward completed/reviewed copies of all tests to Document Control for record retention.

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ATTACHMENT A Page 1 of 3 EMERGENCY DIRECTORY

UPON ACTIVATION CANCEL VARIABLE CALL FORWARDING ON EMERGENCY RESPONSE BVPS EXTENSIONS BY PRESSING ##91 UNLESS OTHERWISE INDICATED, NUMBERS ARE 682 PREFIX AND 724 AREA CODES

PLANT AREA	PHONE #
UNIT #1 CONTROL ROOM	724-682-5128 (RO) 724-682-7510 (US) 724-682-5102 (SM) 724-682-5172 724-643-8000 724-643-8001 724-643-8002 330-315-1064 * (NRC ENS)
UNIT #2 CONTROL ROOM	724-682-5313 (US) 724-682-5310 (RO) 724-682-5302 (SM) 724-682-7613 (US)
UNIT #1/2	Ringdown Phones: 2 Ops, 2 Rad
OPERATIONS SUPPORT CENTER (OSC)	724-682-1369
OPERATIONS SUPPORT CENTER (OSC-HP)	724-682-5391 724-643-5022 330-315-1065 * (NRC HPN)
HP SHIFT TECH	724-682-5142
UNIT #1 HP Instruments	724-682-5121
UNIT #1 SUPERVISOR'S OFFICE	724-682-5122
RWP/ALARA OFFICE	724-682-7604/7603/4891
UNIT #2 HEALTH CHECK AREA	724-682-5315/5316
UNIT #1 CHEMISTRY LAB (Cold Lab)	724-682-5140
(Hot Lab)	724-682-5117
(Counting Rm)	724-682-5118
UNIT #2 CHEMISTRY LAB (Cold Lab)	724-682-5318
(Hot Lab)	724-682-5346
(Counting Rm)	724-682-5338
CENTRAL ALARM STATION (CAS) (CAPTAIN)	724-682-7425
SECURITY READY ROOM	724-682-5162
CENTRAL ALARM STATION (CAS)	724-682-5114/5115/7425
SECONDARY ALARM STATION (SAS)	724-682-7803/7804
PRIMARY ACCESS FACILITY (PAF)	724-682-7806/7807 724-682-7770/7771
SECONDARY ACCESS FACILITY (SAF)	724-682-5393
MEDICAL FACILITY	724-682-7847/7893/7710
ERF TLD DOSIMETRY FACILITY	724-682-5575/5576

PRIMARY ASSEMBLY AREAS	PHONE #
UI - MENS LOCKER ROOM	724-682-5196/Page
U2 - NCOS - 2	724-682-7881
U2 - NCOS - 3	724-682-5476
U2 - SOSB - 3	724-682-7595
U2 - SOSB - 4	724-682-4942

REMOTE ASSEMBLY AREAS	PHONE #
WESTERN POWER DELIVERY DIVISION	412-393-2384
HOOKESTOWN GRANGE	724-573-4528

TSC AREA (COMMAND TABLE AREA)	PHONE #
Emergency Director (ED)	724-682-5649
RCC	724-682-5800
CHEM COORD	724-682-5432
SECURITY COORD	724-682-5715
NUC COMM TECHNICAL ADVISOR	724-682-5645
ENGINEER COORD	724-682-5436
MAINTENANCE COORD	724-682-5739

ASSISTANTS AND WORK AREAS	PHONE #
SPDS/IPC (Computer Coord)	724-682-5653/5604
C&RC	724-682-5427/5652
ASSISTANT TO ED	724-682-5650
TECH SUPPORT COORD	724-682-5563
MAINTENANCE	724-682-5595
ENGINEERING	724-682-7940
WESTINGHOUSE	724-682-5596
DOCUMENT SUPPORT	724-682-5535
RADCON	724-682-5651/5698/7721
CHEMISTRY	724-682-5560
OEMA LIAISON	724-682-7939
DEP/BRP	724-682-5564
FBI	724-682-7833
LLEA	724-682-7834
COMMUNICATIONS AREA	724-682-5636/5637/5583
TSC FAX	724-682-5488
NRC	724-682-5846
SECURITY	724-682-5591

NEAR-SITE ASSEMBLY AREAS	PHONE #
ADMINISTRATION BLDG. (Basement)	724-682-5220
SITE ENGINEERING BLDG. (SEB)	724-682-7840
WAREHOUSE B	724-682-7370
QA BLDG.	724-682-7305

OTHER TSC COMMUNICATIONS	PHONE #
NRC (Conf. Area)	724-682-7847
(1) (NRC HPN) TSC Area	330-315-1066 *
(NRC ENS) TSC Area	330-315-1069 *
(NRC MCL) Conf. Area	330-315-1067 *
(NRC PMCL) Conf. Area	330-315-1068 *
(NRC RSCL) Conf. Area	330-315-1072 *
COMMUNICATIONS AREA	724-643-8000/ 8001/8002
EMERGENCY DIRECTOR	Gold Executive Conference
TSC OPS COORDINATOR	Ring Down Phone

* Dial "9" to obtain an outside line.

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OTHER BUILDING AREAS	PHONE #
ERF Counting Room	724-682-5703
DOSIMETRY LAB	724-682-5575
DOSIMETRY SUPERVISOR	724-682-5576
ERF EMER. ENTRANCE (Garage)	724-682-5519
MEDICAL ROOM	724-682-7898
ERF BLDG PUBLIC ADDRESS	724-682-7000
ERF FAX	724-682-5621

EOF COMMAND TABLE AREA	PHONE #
ASSISTANT TO ERM	724-682-5582
SUPPORT SERVICES MANAGER	724-682-5589
NUC COMM MANGER	724-682-5581
EA&DP	724-682-5644

GOVERNMENT AGENCIES	PHONE #
DEP/BRP (FAX 5584)	724-682-5714/5093
PEMA	724-682-5435/5092
WVA	724-682-5441/5588
OEMA	724-682-5585/7722
	724-643-8806
NRC	724-682-5955/5590/5646
	724-682-5963/5960

WORK AREAS	PHONE #
OFFSITE AGENCY LIAISON	724-682-5091/5849
NUC COMMUNICATIONS	724-682-5587/5969
NUC COMM. FAX	724-682-5994
SUPPORT SERVICES	724-682-5589/5689/5647
SPDS/IPC	724-682-5648
EA&DP	724-682-5643

OTHER EOF COMMUNICATIONS	
EMERGENCY RECOVERY MANAGER	Gold Executive Conf.
EOF OPS COORDINATOR	Ring Down Phone
BRP RADIOLOGICAL LINE	Blue Hotline
(NRC HPN) TSC Area	330-315-1066 *
(NRC ENS) TSC Area	330-315-1069 *
(NRC MCL) Conf. Area	330-315-1067 *
(NRC PMCL) Conf. Area	330-315-1068 *
(NRC RSCL) Conf. Area	330-315-1072 *
ERF CONFERENCE ROOM	724-682-5602
ERF FAX	724-682-5621
ERF PAYPHONE	724-643-9965

* Dial "9" to obtain outside line.

Three conference lines are available from within the Beaver Valley phone system, (i.e., the person with access to a BVPS extension must dial the conference number first.) Others outside can then dial into the conference. From inside, only the four digit number is needed. From outside, the prefix (682) and area code (724), if outside the 724 area, are required. These are not private conversations and anyone dialing into the conference can be added; up to the size limit.

Conference Line	Size	Dial
1	9 Party	724-682-5037
2	9 Party	724-682-5038
3	14 Party	724-682-5039

IPIC	PHONE #
IPIC STAFF	
CHIEF CO SPOKESPERSON	412-604-4923
IPIC MANAGER	412-604-4921
INFORMATION MANAGER	412-604-4922
INFORMATION COORDINATOR	724-682-5020
ASSISTANT INFORMATION COORDINATOR	412-604-4929
TECHNICAL ADVISOR	724-682-5018
TECHNICAL BRIEFER	412-604-4928
LOGISTICS COORDINATOR	724-682-5019
RUMOR CONTROL COORDINATOR	724-682-5021
ADMINISTRATIVE SUPPORT	412-604-4924
MEDIA MONITORING ROOM	724-682-5014
MEDIA RELATIONS COORDINATOR	412-604-4928
BVPS EMA CONTACT REPS	
PA/BEAVER COUNTY/NRC	412-604-4926
WV/HANCOCK COUNTY	724-682-5016
OH/COLUMBIANA COUNTY	412-604-4927
MEDIA CONTACT REPS	
	412-604-4937
	412-604-4938
	412-604-4939
	412-604-4941
FAX NUMBERS	412-604-4930/4931

AEOF	PHONE #
Office/Conference Room	724-682-5602
FAX	724-682-5011
Security	412-604-4936
Emergency Recover Manager	724-682-5648/5582/5006
NRC	724-682-5960
EA&DP	724-682-5955/5643
Offsite Agency Liaison	724-682-5532
OEMA	(724) 643-8806
	724-682-7722
PEMA	724-682-5586/5005
DEP/BRP	724-682-5584
WVOES	724-682-5588/5009
Support Services Manager	724-682-5688/5581
Spares	724-682-5589/5689/5008

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SECURITY	PHONE #
UTILITY/GOV'T ENTRANCE HALL	412-604-4935

MISCELLANEOUS	PHONE #
CONF. ROOM	724-682-5015
MEDIA PRES. AREA (OUTSIDE BVPS ROOM)	724-682-5010
TELECOMMUNICATIONS ROOM	412-604-4920
COMMUNICATIONS ROOM	724-682-5030/5010

CORPORATE HEADQUARTERS	PHONE #
PENN POWER CUSTOMER ACCOUNT SERVICES	1-800-720-3600

GOVERNMENT ROOM	PHONE #
PEMA	724-682-5027
BEAVER COUNTY EMA	724-682-5023
OEMA	724-682-5026
COLUMBIANA COUNTY EMA	724-682-5029
WVOES/HANCOCK COUNTY OES	724-682-5028
NRC	724-682-5022
FEMA	724-682-5025
OTHER FED. AGENCIES	724-682-5012/5013
FAX NUMBERS GOVT	724-682-5024 412-604-4932/ 412-604-4933
RUMOR CONTROL (INCOMING MEDIA CALLS TO GOV AG)	724-682-5030

RUMOR CONTROL	PHONE #
24-HOUR NUMBER	1-800-720-3600

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ATTACHMENT B

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PERFORMANCE OF MONTHLY, QUARTERLY, ANNUAL AND ERDS TESTING

1. Should at any time during the conduct of this test an actual event occur, terminate the checks in progress and restore equipment to pre-test conditions and carry out emergency response actions.
2. The Communications Checks are performed to verify the operability of the communications links listed in the various forms, for Emergency Preparedness purposes and to implement corrective actions as required.
3. The following are the Acceptance Criteria that apply to the various forms used for conducting the Communication Checks. Not all Acceptance Criteria will apply to individual Communications Checks.
 - 3.1 For telephones: (Does not apply to phones used for OPS or Rad Headset Circuits)
 - A dial tone must be obtained
 - The phone must be able to dial out.
 - The phone must be able to receive a call.
 - The phone must ring when called.
 - 3.2 For Fax machines:
 - The fax machine must be able to fax out.
 - The fax machine must be able to receive a fax.
 - Any preprogrammed numbers must be verified.
 - 3.3 For desk top computers:
 - The PC must boot-up.
 - Any programs required by the form must be on the desk top and run when the icon is "double-clicked".
4. All telephone numbers are to be checked against EPP-IP-1.1.F02 and corrective actions implemented if not correct.
5. Obtain a copy of the appropriate form for checking communications equipment.
 - 5.1 Perform the appropriate communications as listed on the form.
 - 5.2 List any deficiencies on the appropriate place on the form and initiate a Condition Report as required.

Beaver Valley Power Station

Procedure Number:
1/2-EPP-IP-7.3

Title:

EMERGENCY PREPAREDNESS TESTING

Unit:
1/2

Level Of Use:
General Skill Reference

Revision:
0

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12 of 13

ATTACHMENT B

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PERFORMANCE OF MONTHLY, QUARTERLY, ANNUAL AND ERDS TESTING

5.3 Place Condition Report number in appropriate space on the form.

5.4 Return form to Emergency Preparedness..

Beaver Valley Power Station		Procedure Number: 1/2-EPP-IP-7.3	
Title: EMERGENCY PREPAREDNESS TESTING	Unit: 1/2	Level Of Use: General Skill Reference	
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ATTACHMENT C
Page 1 of 1
TEST FAX

TEST

FAX

**THIS IS A QUARTERLY TEST FAX
FROM BEAVER VALLEY POWER STATION**

NO RESPONSE IS REQUIRED

If problems occurred with this FAX, contact Beaver Valley Power Station, Emergency Preparedness at (724) 682-5773.

EPP/IMPLEMENTING PROCEDURES - EFFECTIVE INDEX**INSTRUCTIONS**

1/2-EPP-I-1a	Recognition and Classification of Emergency Conditions	Revision 4
1/2-EPP-I-1b	Recognition and Classification of Emergency Conditions	Revision 4
1/2-EPP-I-2	Unusual Event	Revision 19
1/2-EPP-I-3	Alert	Revision 18
1/2-EPP-I-4	Site Area Emergency	Revision 18
1/2-EPP-I-5	General Emergency	Revision 19

IMPLEMENTING PROCEDURES**1/2-EPP-IP****1 Series - Activation**

1.1	Notification	Revision 31
1.2	Communications and Dissemination of Information	Revision 18
1.3	Turnover Status Checklist ED/ERM	Revision 9
1.4	Technical Support Center (TSC) Activation, Operation and Deactivation	Revision 19
1.5	Operations Support Center (OSC) Activation, Operation and Deactivation	Revision 14
1.6	Emergency Operations Facility (EOF) Activation, Operation and Deactivation	Revision 16
1.7	Emergency Response Organization (ERO) Teams	Revision 12

CONTROLLED
BVPS UNIT 3

REVISION 60

EPP/IMPLEMENTING PROCEDURES - EFFECTIVE INDEX**1/2-EPP-IP****2 Series - Assessment**

2.1	Emergency Radiological Monitoring	Revision 11
2.2	Onsite Monitoring for Airborne Release	Revision 12
2.3	Offsite Monitoring for Airborne Release	Revision 13
2.4	Offsite Monitoring for Liquid Release	Revision 8
2.5	Emergency Environmental Monitoring	Revision 11
2.6	Environmental Assessment and Dose Projection Controlling Procedure	Revision 14
2.6.1	Dose Projection - Backup Methods	Revision 11
2.6.2	Dose Projection - ARERAS/MIDAS With FSAR Defaults	Revision 13
2.6.3	Dose Projection - ARERAS/MIDAS With Real-Time Inputs	Revision 12
2.6.4	Dose Projection - ARERAS/MIDAS With Manual Inputs	Revision 14
2.6.5	Alternate Meteorological Parameters	Revision 10
2.6.6	Dose Projections By Hand Calculation - Known Isotopic Release	Revision 6
2.6.7	Dose Assessment Based on Field Measurements	Revision 7
2.6.8	Dose Assessment Based on Environmental Measurements and Samples	Revision 6
2.6.9	Integrated Dose Assessment	Revision 6
2.6.10	Ground Contamination Assessment and Protective Action	Revision 7

EPP/IMPLEMENTING PROCEDURES - EFFECTIVE INDEX**1/2-EPP-IP****2 Series - Assessment**

- | | | |
|--------|-------------------------------------------------------------------|-------------|
| 2.6.11 | Dose Projection - Miscellaneous Data | Revision 11 |
| 2.6.12 | Dose Projection - ARERAS/MIDAS
With Severe Accident Assessment | Revision 10 |
| 2.7 | Liquid Release Estimate | Revision 8 |
| 2.7.1 | Liquid Release Estimate -
Computer Method | Revision 10 |

1/2-EPP-IP**3 Series - Onsite Protective Actions**

- | | | |
|-----|--------------------------------------------|-------------|
| 3.1 | Evacuation | Revision 8 |
| 3.2 | Site Assembly and Personnel Accountability | Revision 13 |
| 3.3 | Emergency Contamination Control | Revision 8 |
| 3.4 | Emergency Respiratory Protection | Revision 8 |
| 3.5 | Traffic and Access Control | Revision 9 |

1/2-EPP-IP**4 Series - Offsite Protective Actions**

- | | | |
|-----|----------------------------|-------------|
| 4.1 | Offsite Protective Actions | Revision 16 |
|-----|----------------------------|-------------|

1/2-EPP-IP**5 Series - Aid to Personnel**

- | | | |
|-----|-----------------------------------------|------------|
| 5.1 | Search and Rescue | Revision 8 |
| 5.2 | RESERVED | |
| 5.3 | Emergency Exposure Criteria and Control | Revision 8 |
| 5.4 | Emergency Personnel Monitoring | Revision 9 |

EPP/IMPLEMENTING PROCEDURES - EFFECTIVE INDEX**1/2-EPP-IP****6 Series - Re-entry/Recovery**

- 6.1 Re-entry to Affected Areas - Criteria and Guidance Revision 10
- 6.2 Termination of the Emergency and Recovery Revision 11

1/2-EPP-IP**7 Series - Maintaining Emergency Preparedness**

- 7.1 Emergency Equipment Inventory and Maintenance Procedure Revision 14
- 7.2 Administration of Emergency Preparedness Plan, Drills and Exercises Revision 9
- 7.3 Emergency Preparedness Testing Revision 0

1/2-EPP-IP**8 Series - Fire Fighting**

- 8.1 Fires in Radiologically Controlled Areas Revision 11

1/2-EPP-IP**9 Series - Nuclear Communications**

- 9.1 Emergency Public Information
Emergency Response Organization
Controlling Procedure Revision 11
- 9.2 Reserved
- 9.3 Activation, Operation and Deactivation
of the Emergency Public Information Organization
Emergency Operations Facility (EOF) Revision 4
- 9.4 Activation, Operation and Deactivation
of the Joint Public Information Center (JPIC) Revision 9
- 9.5 Activation, Operation and Deactivation
of the Penn Power Customer Account
Services Department Revision 7

1/2-EPP-IP**10 Series - Corporate Response**

- 10.1 Emergency Response Organization
Corporate Support Revision 3

EPP/IMPLEMENTING PROCEDURES - EFFECTIVE INDEX

1/2-EPP-IP ANNEXES

- Annex A - Westinghouse Emergency Response Plan Revision 8
- Annex B - DELETED
- Annex C - Major Injury Involving Radioactive Contamination For The Medical Center, Beaver Revision 9
- Annex D - Procedure for Transferring Radiation Casualties to the Radiation Emergency Response Program (UPMC Presbyterian) Revision 8
- Annex E - Reserved