

UNION ELECTRIC COMPANY

CALLAWAY PLANT HEALTH PHYSICS DEPARTMENTAL PROCEDURE INDEX

HEALTH PHSYICS

<u>Procedure Number</u>	<u>Title</u>	<u>Rev.</u>	<u>Date Issued</u>	<u>Deficiency Page Date</u>	<u>Resp. Dept.</u>
HDP-ZZ-01200	Radiation Work Permit Program	2	11/09/83		Hlth Phy
HDP-ZZ-01300	Internal Dosimetry Program	0	10/18/83		Hlth Phy
HDP-ZZ-01400	External Dosimetry Program	0	10/18/83		Hlth Phy
HDP-ZZ-01401	Dosimetry Program for Byproduct and Special Nuclear Material (Superceded by HDP-ZZ-01400)	0	11/01/82	10/19/82	Hlth Phy
HDP-ZZ-01500	Radiological Posting and Access Control	0	08/04/83	07/27/83	Hlth Phy
HDP-ZZ-03000	Radiological Survey Program	0	09/08/83	08/31/83	Hlth Phy
HDP-ZZ-04000	Health Physics Instrumentation Program	GR1	06/06/83	10/22/82	Hlth Phy
HDP-ZZ-04500	Health Physics/Chemistry Computer and Counting System	0	10/29/83	10/10/83	Hlth Phy
HDP-ZZ-05009	Injured Contaminated Personnel (Superceded by EIP-ZZ-00224 date 04/29/83)	0	10/08/82		Hlth Phy
HDP-ZZ-05010	Fuel Building Evacuation Plan	GR1	01/06/83	12/30/82	Hlth Phy
HDP-ZZ-05011	Fuel Receipt Emergency Plan	0	10/15/82		Hlth Phy
HDP-ZZ-06000	Contamination Guidelines and Limits	0	07/23/83	07/12/83	Hlth Phy

HEALTH PHYSICS

<u>Procedure Number</u>	<u>Title</u>	<u>Rev.</u>	<u>Date Issued</u>	<u>Deficiency Page Date</u>	<u>Resp. Dept.</u>
HDP-ZZ-06010	Personnel Monitoring for Contamination (Superceded by HTP-ZZ-06010, dated 09/08/83)	0	10/01/82	09/27/82	Hlth Phy :
HDP-ZZ-06017	Rad/Chem Technician Health Physics Quali- fication Program	0	10/03/83	09/23/83	Hlth Phy
HDP-ZZ-08000	Respiratory Protection Program	0	09/08/83	08/31/83	Hlth Phy
HDP-ZZ-08760	Confined Space Entry Program	GR1	09/08/83		Hlth Phy

HDP-ZZ-01200  
October 18, 1983  
Revision 2

CALLAWAY PLANT  
HEALTH PHYSICS DEPARTMENTAL PROCEDURE

HDP-ZZ-01200

RADIATION WORK PERMIT PROGRAM

RESP. DEPT. HEALTH PHYSICS PREPARED BY JR Polchow  
APPROVED BY JRP DATE 10/25/83  
DATE ISSUED 11/09/83

This procedure contains the following:

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RADIATION WORK PERMIT PROGRAM

- | 1.0 PURPOSE AND SCOPE
- | 1.1 Provide instructions to plant personnel on how to request a Radiation Work Permit (RWP).
- | 1.2 Provide instructions to Health Physics personnel on the preparation, ALARA review, approval, maintenance, and termination of the RWP using either the Nuclear Data RWP software or the manual back-up system.
- | 1.3 Provide instructions to Health Physics personnel on the use of the ND Access Control computer software or the manual back-up system to control access of personnel working under the authorization of a given RWP.
- | 1.4 Provide instructions to Health Physics personnel in the preparation, approval, and maintenance of non-dose-tracking RWPs.
- | 2.0 DEFINITIONS
- | 2.1 RADIATION WORK PERMIT (RWP)

A RWP is an authorizing and dose-tracking document that provides instructions in radiological safety to plant personnel. A RWP is required for a job, work project, or task which is to be performed in areas where actual or potential radiological hazards exist.
- | 2.1.1 Specific Radiation Work Permit (SRWP)

A RWP for a specific job, work project or task. This RWP allows access to only those personnel designated by the Work Supervisor.

2.1.2 General Radiation Work Permit (GRWP)

A RWP for an area where radiological conditions are relatively stable. Personnel allowed access to this RWP are not designated individually, but are categorized by work group or job function.

2.1.3 Non-Dose-Tracking RWP

A Health Physics generated document that provides instructions to personnel who have entered the RCA under a GRWP and are entering a room or area in the RCA where radiological conditions dictate protective requirements in addition to those specified on the GRWP.

3.0 PRECAUTIONS AND LIMITATIONS

3.1 It is the responsibility of each person who enters the Radiological Controlled Area (RCA) or a Radiological Posted Area (RPA) to know and comply with the requirements of the applicable RWP, and to maintain their radiation exposure As Low As Reasonably Achievable (ALARA).

3.2 RWPs prepared using the manual back-up system shall be transferred to the computer format as soon as the computer-based system becomes available for use.

3.3 Personnel may only work under one RWP at a time.

3.4 Consideration should be given to preparing a separate SRWP for each major phase of a job (area/job preparation, work activity, and area/job disassembly) when a significant portion of the man-rem occurs in the preparation or disassembly phase.

3.5 Posted computer-generated RWPs do not have to be signed. Only the original computer-generated RWP in the RWP Master file requires signatures.

- 4.0 PROCEDURE
- 4.1 REQUESTING A RWP
- 4.1.1 RWPs are required for the following types of activities:
  - 4.1.1.1 Entries into and work performed in posted airborne radioactivity areas, high radiation areas, radiation areas, contamination areas, and very high radiation areas.
  - 4.1.1.2 Work involving maintenance, inspection, or adjustments to any system or component which contains, stores, transports or collects radioactive materials.
  - 4.1.1.3 Entry into the Radiological Controlled Area (RCA).
  - 4.1.1.4 Handling of certain radioactive sources containing licensable quantities or concentrations of by-product material or special nuclear material, as designated by the Superintendent, Health Physics.
- 4.1.2 Personnel requesting a RWP shall do so by completing the RWP Request Form (Attachment 1) and forwarding to the Health Physics Office.
  - 4.1.2.1 Requests for RWPs should be submitted at least 72 hours prior to the scheduled job start time. However, unanticipated work activities shall be handled on a case by case basis.
- 4.1.3 The Work Supervisor designated on the RWP Request Form shall complete and forward to the Health Physics Office a List of Personnel Authorized to Work on SRWP (Attachment 2) prior to the scheduled job start time, and shall be responsible for ensuring those personnel meet the following requirements:



- 4.1.3.1 Have unescorted access status to the RCA or a RPA by successful completion of Callaway Plant Rad Category I and II training, or be continuously escorted by an individual that has unescorted access status.
- 4.1.3.2 Personnel shall have dosimetry, a whole body count and respiratory fit test as required by the Internal Dosimetry, External Dosimetry, and Respiratory Protection Programs.
- 4.1.3.3 Have the necessary exposure margin for anticipated job or area exposure.
- 4.1.3.3.1 Extension of exposure limits shall be requested in accordance with HDP-ZZ-01400, External Dosimetry Program or HDP-ZZ-01300, Internal Dosimetry Program, as applicable.
- 4.2 PREPARATION OF A RWP
- 4.2.1 Health Physics Operations shall determine the radiological conditions at the work site by use of one or more of the following:
  - 4.2.1.1 Performance of a pre-job radiological survey where radiological conditions of the work area are suspect, unknown, or may have changed since the last routine survey.
  - 4.2.1.2 Use of previous radiological surveys that reflect the radiological conditions of the work area.
- 4.2.2 Health Physics Operations shall prepare a RWP using the completed RWP Request Form and the computer-based RWP system.
  - 4.2.2.1 Prepare a RWP using Transaction 02 (RWP Health Physics Information Entry) of the RWP software and RWP Preparation Guidelines (Attachment 3).



- 4.2.2.2 Use Transaction 03 (RWP Employee Authorization) of the RWP software to authorize personnel for entry on a SRWP using the List of Personnel Authorized to Work on a SRWP submitted by the Work Supervisor.
- 4.2.2.2.1 Personnel authorized to work under a SRWP may be changed at anytime upon request of the Work Supervisor or another supervisory member of the same department.
- 4.2.3 When the RWP software is unavailable for use, a manual back-up system shall be used to prepare a RWP using the completed RWP Request Form and a Radiation Work Permit form (Attachment 4).
  - 4.2.3.1 Instructions for preparing a manual RWP are found in the RWP Preparation Guidelines.
  - 4.2.3.2 A List of Personnel Authorized to Work on a SRWP shall be included with the manual RWP.
- 4.3 ALARA REVIEW AND APPROVAL OF A RWP
  - 4.3.1 A copy of the RWP(s), radiological survey sheets, and the RWP Request Form shall be forwarded for ALARA review in accordance with HTP-ZZ-01102, Pre-Job ALARA Planning and Briefing.
    - NOTE An ALARA review is not required for Emergency or Priority 1 Work Requests.
  - 4.3.1.1 Additions or changes to the RWP necessitated by the ALARA review shall be incorporated.
  - 4.3.1.2 The person performing the ALARA review shall sign the "ALARA Review" entry on the RWP and return all documentation to the Health Physics Office.
  - 4.3.2 A Rad/Chem Foreman (Health Physics Operations or Health Physics Technical Support) shall approve the RWP by signing the "HP Foreman Approval" entry on the RWP.

- 4.3.2.1 SRWPs with an estimated man-rem > 1.0 shall be approved by the Superintendent, Health Physics, who shall sign the "HP Foreman Approval" entry on the RWP.
- 4.3.2.2 The RWP shall also be approved using Transactions 05 (RWP Ready for Approval) and 06 (RWP Approval) of the RWP software.
- 4.3.3 The Shift Supervisor shall approve the RWP by signing the "Shift Supervisor Approval" entry on the RWP.
- 4.3.4 The signed RWP, radiological survey sheets, and the RWP Request Form shall be retained by Health Physics Operations in a RWP Master file in the Health Physics Office.
- 4.4 POSTING AND UPDATING OF RWPs
  - 4.4.1 Copies of RWPs and associated radiological surveys shall be posted or made available by Health Physics at the following locations:
    - 4.4.1.1 Health Physics Access Control and/or any other access control point to the RCA or RPA through which access can be gained to the work site.
    - 4.4.1.2 At or immediately outside of the work site for SRWPs.
  - 4.4.2 RWPs shall be updated when radiological conditions in the work area change, the scheduled completion date is extended, or a major change to the work procedure occurs.
    - 4.4.2.1 A periodic review of all RWPs shall be performed by a Rad/Chem Foreman (Health Physics Operations) to determine the need for new radiological surveys at the work site and a subsequent update to the RWP.
    - 4.4.2.2 The Work Supervisor shall inform Health Physics Operations when an extension of the completion date is necessary or the work procedure changes.

- 4.4.3 Updates to a RWP shall be made using Transaction 07 (Health Physics RWP Information Edit) of the RWP software.
- 4.4.3.1 Whenever a RWP is updated, all posted copies of the RWP shall be replaced with the updated RWP and the outdated RWP copies shall be destroyed.
- 4.4.3.1.1 A copy of the updated RWP shall also be placed in the RWP Master file, and the outdated RWP copy shall remain in the file.
- 4.5 SUSPENSION AND TERMINATION OF RWPS
- 4.5.1 RWPs may be suspended, when it is necessary to temporarily curtail work on a particular job, using Transaction 08 (RWP Suspension) of the RWP software.
- 4.5.1.1 Copies of RWPs that have been suspended shall be removed from all posted locations and destroyed.
- 4.5.2 Reactivate a suspended RWP using Transaction 06 (RWP Approval) of the RWP software.
- 4.5.2.1 Radiological surveys shall be performed at the work site or area and a new copy of the RWP posted prior to reactivating a suspended RWP.
- 4.5.3 RWPs shall be terminated on the scheduled completion date or when notified by the Work Supervisor that work under the RWP has been completed prior to the scheduled completion date.
- 4.5.3.1 Prior to terminating a RWP, obtain a printout of the following lists and place in the RWP Master file.
- 4.5.3.1.1 All options on Transaction 26 (RWP Exposure and Man-Hour List) for a SRWP.
- 4.5.3.1.2 Option "List Total Exposure and Man-Hours for RWP" on Transaction 26 for a GRWP.

- 4.5.3.2 Terminate a RWP using Transaction 10 (RWP Termination) of the RWP software.
- 4.5.3.2.1 Place the Termination Report generated by Transaction 10 in the RWP Master file.
- 4.5.3.3 RWPs may be extended beyond the original scheduled completion date. This will normally be done when, due to unforeseen circumstances or delays, the original completion date cannot be met.
- 4.5.3.3.1 Extensions shall be requested by the Work Supervisor prior to the current completion date.
- 4.5.4 Forward the RWP Master file for a terminated RWP to the Rad/Chem Foreman (ALARA) for post-job ALARA review.
- 4.6 RWP ACCESS CONTROL
- 4.6.1 Access to the RCA or RPAs outside the RCA, where Access Control software is available, shall be controlled as follows:
  - 4.6.1.1 Personnel shall read the RWP under which they are entering the RCA or RPA and shall review the radiological surveys associated with that RWP.
    - 4.6.1.1.1 Personnel shall sign the Health Physics Access Control Log (Attachment 5).  
  
NOTE Signing the Health Physics Access Control Log indicates that the individual has read, understands, and will comply with all requirements of the RWP.
    - 4.6.1.1.2 The Health Physics Access Control Log shall be retained by Health Physics.
  - 4.6.1.2 Transaction 02 (Central Control Point Setup) of the Access Control software shall be used to enter personnel into the RCA or RPA.

- 4.6.1.2.1 Personnel shall give the individual manning the computer terminal their exposure identification number, PIC reading, and the number of the RWP under which they are entering the RCA or RPA.

CAUTION Failure to heed warnings in regard to personnel exceeding or nearing exposure alert limits could result in personnel overexposure to radiation.

- 4.6.1.2.2 Personnel receiving the warning that an exposure alert limit has been exceeded or is being neared shall not be allowed access until a request for increased exposure is submitted or exposure stay time calculations have been performed.

- 4.6.1.3 Transaction 02 (Central Control Point Setup) of the Access Control software shall be used to exit personnel from the RCA or a RPA.

- 4.6.1.3.1 Personnel shall give the individual manning the computer terminal their exposure identification number and PIC reading.

- 4.6.1.3.2 Personnel receiving the warning that an exposure alert limit has been exceeded or is being neared should submit a request for increased exposure prior to their next RCA or RPA entry.

- 4.6.2 Access to the RCA or RPAs outside the RCA, where or when Access Control software is unavailable, shall be controlled as follows:

- 4.6.2.1 Personnel shall read the RWP under which they are entering the RCA or RPA and shall review the radiological surveys associated with that RWP.

4.6.2.2 Personnel shall record all necessary information on the RWP Sign-In Sheet (Attachment 6) prior to entry.

NOTE Signing the RWP Sign-In Sheet indicates that the individual has read, understands, and will comply with all requirements of the RWP.

4.6.2.3 Personnel shall record remaining information on RWP Sign-In Sheet upon exit from RCA or RPA.

4.6.2.4 Health Physics Technical Support shall collect RWP Sign-In Sheets and track personnel exposure in accordance with HTP-ZZ-01433, Processing of Panasonic TLDs and Maintaining Personnel Exposure Records.

4.7 NON-DOSE-TRACKING RWPS

4.7.1 Health Physics Operations shall generate and maintain a non-dose-tracking RWP when rooms or areas within the RCA require protective requirements in addition to those necessary for access to the RCA under a GRWP.

4.7.1.1 This RWP shall be prepared for each room or area in accordance with the guidance given in section 4.2 except as follows:

4.7.1.1.1 RWP Number is Building - Room/Corridor No./1 Level. (i.e. A-1310, F-2047)

Where:

F - Fuel Building  
C - Control Building  
A - Auxiliary Building  
RW - RadWaste Building  
HMS - Hot Machine Shop

4.7.1.1.2 Job is "GRWP Entry."

4.7.1.1.3 Location agrees with location portion of RWP Number.



- | 4.7.1.1.4 No entry is made for the following:
  - | Task Category, Job Supervisor, Man-Hours,  
| Man-Rem, or Component Codes.
- | 4.7.1.1.5 No RWP Request Form is provided.
- | 4.7.1.2 The prepared RWP is approved by signature of  
| a Rad/Chem Foreman (Health Physics Opera-  
| tions) and shall be retained by Health Phys-  
| ics Operations in the RWP Master file in the  
| Health Physics Office.
- | 4.7.1.3 A copy of the RWP and the latest radiologi-  
| cal survey of the room or area shall be  
| posted at the entrance to the room or area.
- | 4.7.1.4 The RWP shall be updated whenever a routine  
| survey, as required by HDP-ZZ-03000, Radi-  
| ological Survey Program, is performed.
- | 4.7.1.4.1 The RWP shall be updated using Transaction  
| 02 (RWP Health Physics Information Entry)  
| and the latest radiological survey data.
- | 4.7.1.4.2 A Rad/Chem Foreman (Health Physics Opera-  
| tions) shall review the updated RWP and as-  
| sociated radiological survey and approve by  
| signing the RWP.
- | 4.7.1.4.3 The approved RWP shall be placed in the RWP  
| Master file, and the outdated RWP shall be  
| removed from the file and destroyed.
- | 4.7.1.4.4 A copy of the updated RWP and radiological  
| survey shall be posted at the entrance to  
| the room or area, and the outdated RWP shall  
| be destroyed.
- | 5.0 REFERENCES
- | 5.1 HDP-ZZ-01300, Internal Dosimetry Program.
- | 5.2 HDP-ZZ-01400, External Dosimetry Program.
- | 5.3 HTP-ZZ-01102, Pre-Job ALARA Planning and  
| Briefing.



- | 5.4 HTP-ZZ-01433, Processing of Panasonic TLDs and Maintaining Personnel Exposure Records.
- | 5.5 HDP-ZZ-03000, Radiological Survey Program.
- | 5.6 Operator's Manual, Nuclear Data (RWP/1000) Software.
- | 6.0 RECORDS
- | 6.1 O.A. RECORDS
- | 6.1.1 Contents of RWP Master File shall be sent to file upon completion of post-job ALARA review.

RWP REQUEST FORM

JOB DESCRIPTION (Include any component identification numbers):

\_\_\_\_\_  
\_\_\_\_\_

JOB LOCATION: \_\_\_\_\_

SCHEDULED START DATE/TIME: \_\_\_\_\_

SCHEDULED COMPLETION DATE/TIME: \_\_\_\_\_

TASK CATEGORY (Check One):

<input type="checkbox"/> ROS Routine Operations & Surveillance	<input type="checkbox"/> SPM Special Plant Maintenance
<input type="checkbox"/> RPM Routine Plant Maintenance	<input type="checkbox"/> WPR Waste Processing
<input type="checkbox"/> ISI Inservice Inspection	<input type="checkbox"/> REO Refueling Operations

RESPONSIBLE DEPARTMENT \_\_\_\_\_

WORK SUPERVISOR: \_\_\_\_\_

DEPARTMENTS WORKING JOB \_\_\_\_\_

ESTIMATED MAN-HOURS (Time at job site only): \_\_\_\_\_

WR NUMBER: \_\_\_\_\_

RWR NUMBER: \_\_\_\_\_

LIST MAJOR WORKSTEPS (Include steps that could cause radiological conditions at work site to change; i.e., Breach/drain of a radioactive system, grinding, welding, cutting, etc.)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
WORK SUPERVISOR/PLANNER

/ DATE

TO BE FILLED IN BY HEALTH PHYSICS:

RWP NUMBER: \_\_\_\_\_ JOB NUMBER: \_\_\_\_\_ LOCATION CODE: \_\_\_\_\_



ATTACHMENT 3

RWP Preparation Guidelines

This attachment provides guidance in the preparation of RWPs using either the RWP software (computer generated) or the manual back-up (handwritten) method.

Instructions on the specific use of the RWP software, which is part of the Nuclear Data ALARA Exposure Management System, to perform the tasks set forth in this attachment are found in the Operator's Manual.

Use the table below to enter, select, or assign items to a RWP.

Required RWP Entry	Guidance
RWP Number	Year - Sequential number - G/S (general/specific) (i.e. 83-001-S). The first hyphen may be omitted to allow the sequential number to exceed 999 if necessary. The second hyphen may be omitted, and a letter designator used when multiple RWP's are required for one RWP request.
Task Category	RWP Request Form
Job	RWP Request Form. More than one RWP may be prepared per RWP Request if job scope is broad or significant man-rem occurs in the preparation or disassembly phase of the job.
Location	RWP Request Form
Job Supervisor	RWP Request Form
Scheduled Start/Completion Date and Time	RWP Request Form - Completion date for GRWP's shall not exceed 12-31-XX.
Man-Hours	RWP Request Form
MAN-REM	Best estimate of whole body exposure rate personnel at work site will be subjected to multiplied by the number of man-hours. Also include man-rem for job preparation and disassembly if necessary and within job scope.
Storing Man-Hours and Man-Rem on a daily basis (RWP software only)	Yes - for Specific RWP. No - for a General RWP unless directed otherwise by HP supervision.
Component Code and % Exposure per component (RWP software only)	Use component identification number off RWP Request Form for code. The equal amount for each component method should be used unless the % for individual components is known.

REQUIRED RWP ENTRY	GUIDANCE
Radiological Conditions	<p>Determine using radiological survey data. Comment section should include as applicable, the following:</p> <ul style="list-style-type: none"> <li>Location and level of any radiation HOT SPOTS.</li> <li>Location and level of highest contamination.</li> <li>Presence of contaminated liquid.</li> <li>Specific work steps where rad conditions could worsen.</li> <li>Frequency of air sampling while work is in progress.</li> <li>"Continuous air sampling required."</li> <li>"Lapel air samples required."</li> <li>"Frequency of air samples to be determined at job site by HP."</li> <li>"See survey attached: or "upon entry."</li> <li>"Neutron survey required upon entry."</li> </ul>
Protective Clothing	Use Protective Clothing Selection Guide found in HTP-ZZ-06014, Selection and Use of Protective Clothing.
Respiratory Protection	Use HTP-ZZ-08003, Selection of Respiratory Protection Devices.
Dosimetry	Use HDP-ZZ-01400, External Dosimetry Program.
ALARA Review	Yes for all RWP's
Health Physics Coverage	<p><u>Start of Job</u> - Ensures proper work area radiological controls are established, understood, and followed by workers</p> <p><u>End of Job</u> - Ensures work area radiological conditions are assessed when work is completed.</p> <p><u>Intermittent</u> - Periodic radiological evaluations of work area to assess worker compliance with RWP and that radiological conditions have not changed significantly.</p>

REQUIRED RWP ENTRY	GUIDANCE
Health Physics Coverage	<p><u>Continuous</u> - Requires continuing surveillance and awareness of work radiological conditions as well as knowing exposure status of workers.</p> <p>Mandatory for: HRA or VHRA</p> <p>Potential for uncontrolled spread of contamination.</p> <p>Movement of irradiated fuel.</p> <p>Potential for significant increase in radiation levels or airborne activity.</p>
Special Instructions	<p>Requirements of HTP-ZZ-06001, HRA/VHRA Access, delineated if applicable.</p> <p>"Neutron survey for dose calculations required."</p> <p>"Pick up Internal Exposure Card at HP Office" when: Respiratory Protection devices required or total % MPC &gt; 25.</p> <p>Note steps where respiratory protections devices required</p> <p>For GRWP's: "RWP posted at specific room or area lists additional protection requirements."</p>

## RADIATION WORK PERMIT

DATE/TIME \_\_\_\_\_

RWP Number \_\_\_\_\_

Job Supervisor \_\_\_\_\_

Job \_\_\_\_\_

Location \_\_\_\_\_

Scheduled Start date/time \_\_\_\_\_

Scheduled completion \_\_\_\_\_

Estimated Man-hours \_\_\_\_\_

Estimated Man-rem \_\_\_\_\_

RADIOLOGICAL CONDITIONSContamination Levels: General Work Area: \_\_\_\_\_ DPM/100cm<sup>2</sup>

Smear date/time (YY/MM/DD HH:MM): \_\_\_\_\_

Comment: \_\_\_\_\_

Dose Rate Levels: General Work Area: \_\_\_\_\_ mR/hr

Survey date/time (YY/MM/DD HH:MM): \_\_\_\_\_

Comment: \_\_\_\_\_

Airborne Levels: General Work Area: \_\_\_\_\_ %MPC

Sample date/time (YY/MM/DD HH:MM): \_\_\_\_\_

Comment: \_\_\_\_\_

Protective Clothing

Dosimetry

Respiratory Protection

Special Instruction



Special Instructions (con't)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Health Physics Coverage \_\_\_\_\_

-----

ALARA Review \_\_\_\_\_ Date   /  /  

HP Foreman Approval \_\_\_\_\_ Date   /  /  

Shift Supervisor Approval \_\_\_\_\_ Date   /  /

DATE: \_\_\_\_\_

[illegible]

Page 1 of 1

RWP SIGN-IN SHEET

Proced. No. HDP-ZZ-01200

Rev. 2

RWT NO. \_\_\_\_\_

DATE: \_\_\_\_\_

[illegible]

\* YOUR SIGNATURE ON THIS FORM INDICATES THAT YOU HAVE READ, UNDERSTAND, AND WILL COMPLY WITH ALL REQUIREMENTS OF THIS RWP.

UNION ELECTRIC NUCLEAR OPERATIONS  
CONTROLLED DOCUMENT TRANSMITTAL AND RECEIPT FORM

50-483

TO: *Dr. H Edison*  
*U.S. Regulatory Commission*  
*Washington, D.C. 20555*  
FROM: Document Control

Vol. # 6  
Manual #           
Transmittal # 644  
Date: 11/09/83

Enclosure (s):

HDP Index  
HDP-ZZ-01200 REV.2

JPK/bjs

Please insert the enclosed material into your Manual/Procedure File.  
Return sheet to:

J. P. Kanyo  
RMS Supervisor, Document Control  
Union Electric Company  
Callaway Plant - CA-460

Acknowledgement:

I have brought my Manual/Procedure File to current status by incorporating the above material. Superseded pages have been removed and destroyed.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

FILE #A64.16

CA-#32A  
Rev. 12/82

~~6711210243 801114~~  
~~CP A200K 03000483~~

X005  
0/1

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: ~~83112105-3~~ DUC DATE: 83/11/14 NOTARIZED: NO DOCKET #  
 FACIL: STN-50-483 Callaway Plant, Unit 1, Union Electric Co. 05000483  
 AUTH. NAME AUTHOR AFFILIATION  
 POLCHOW, J. H. Union Electric Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 EDISON, G. NRC - No Detailed Affiliation Given

SUBJECT: Central Files version of Rev 2 to Emergency Plan Health  
 Physics Departmental Procedure HDP-ZZ-01200, "Radiation  
 work Permit Program." w/831109 ltr & receipt form.

DISTRIBUTION CODE: X005S COPIES RECEIVED: LTR **Q** ENCL **L** SIZE: **26**  
 TITLE: Emerg Plan (CF Avail)

NOTES: Standardized Plant. LPDR 2cys.

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