

Date Entered: Mar 23, 2001

TO: USNRC/WASHINGTON  
JMCKNIGHT Copy Number: 145

TRANSMITTAL NUMBER: 180930

PROCEDURE NUMBER: EI-8

TITLE: ONSITE RADIOLOGICAL MONITORING

TRANSMITTAL: LISTED BELOW ARE NEW/REVISED PROCEDURES WHICH MUST BE IMMEDIATELY INSERTED INTO OR DISCARDED FROM YOUR PROCEDURE MANUAL.

Action Required	Section or Description
REMOVE AND DESTROY	EI-8, R/12, COVERSHEET AND ATTACHMENT 1, PAGES 5-6
REPLACE WITH	EI-8, R/12, COVERSHEET AND ATTACHMENT 1, PAGES 5-6 EDITORIAL

**SIGN, DATE, AND RETURN THE ACKNOWLEDGEMENT FORM WITHIN 10 DAYS TO THE PALISADES PLANT DOCUMENT CONTROL.**

SIGNATURE OR INITIALS

DATE

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**PALISADES NUCLEAR PLANT**  
**EMERGENCY IMPLEMENTING PROCEDURE**

**TITLE: ONSITE RADIOLOGICAL MONITORING**

 / 3/19/01  
Procedure Sponsor Date

WWDoolittle / 4/25/97  
Technical Reviewer Date

JSRidley / 4/24/97  
User Reviewer Date

**ONSITE MONITORING TEAM LIST**

**NOTE:** An Emergency Van with an Inverter, or some other power source is needed to power the Air Sampler. If power is unavailable, the Air Sample is not required.

4. At the centerline, unless high dose rates prohibit, obtain an air sample (iodine and particulate) and survey for dose rates at three inches and three feet from the ground. Check open and closed beta window dose rates, and take smear(s) for loose surface contamination. If centerline open/closed window readings indicates there is no ground level plume present, the air sample and surface contamination surveys may be omitted.
  5. Continue monitoring dose rates to the opposite plume boundary, and record the relative site location of the outer boundary.
- c. Check self-reading and electronic dosimeters frequently (ie, entry into plume, exit from plume) and record times and dose received. Dose received per plume entry, in addition to previous dose received in the current year, should be closely tracked to ensure authorized dose control levels are not exceeded.
  - d. When traversing or sampling in a ground level plume, and/or projected or known airborne activity indicates caution, evaluate necessary protective clothing.

**ONSITE MONITORING TEAM LIST**

**SECTION 4: EVACUATION MONITORING**

- a. Proceed to the assigned Control Point/Monitoring Station (established at: Security Bldg; North Beach Gate; or Inner Gate to South Radwaste) and ascertain habitability prior to establishing the monitoring station. If personnel cannot be deconned at the selected station, then bag or contain the contamination as best as possible and send them on to the designated Reassembly Area.
- b. EI-13, "Evacuation/Reassembly," implemented: Personnel surveyed, dosimeters read, dosimetry collected, etc.
- c. Personnel decontaminated in accordance with Health Physics Procedure HP 2.18, "Personnel Contamination," (copy of HP 2.18 and forms are in decon kit).
- d. Data logged, Attachment 5.
- e. Data reported to OSC.

**SECTION 5: SUPPORT TO OTHER TEAMS**

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- a. Support for Chemistry, Maintenance, Operations, Fire Brigade, or Search and Rescue.
- b. Team members appropriately outfitted (ie, dosimetry, protective clothing, respiratory equipment).
- c. Performed dose rate surveys (ie, enroute, general area, work area, contact, open/closed beta window, three inches and three feet from ground).
- d. Performed airborne activity and loose contamination surveys.
- e. Dosimetry monitored, stay times calculated.
- f. Data logged, Attachment 5.
- g. Data reported to OSC.