

50-387/388

MANUAL HARD COPY DISTRIBUTION

DOCUMENT TRANSMITTAL 2003-5481

USER INFORMATION:

[REDACTED] CA#: 0363  
[REDACTED]  
[REDACTED]

TRANSMITTAL INFORMATION:

[REDACTED] 02/06/2003

LOCATION: DOCUMENT CONTROL DESK  
FROM: NUCLEAR RECORDS DOCUMENT CONTROL CENTER  
(NUCSA-2)

THE FOLLOWING CHANGES HAVE OCCURRED TO THE HARDCOPY  
OR ELECTRONIC MANUAL ASSIGNED TO YOU:

115 - 115 - CHEMISTRY SAMPLING TEAM: EMERGENCY  
PLAN-POSITION SPECIFIC PROCEDURE

REMOVE MANUAL TABLE OF CONTENTS DATE: 01/06/2003

ADD MANUAL TABLE OF CONTENTS DATE: 02/05/2003

CATEGORY: PROCEDURES TYPE: EP

ID: EP-PS-115

REPLACE: REV:13

REPLACE: REV:13

REMOVE: PCAF 2003-1010 REV: N/A

ADD: PCAF 2003-1010 REV: N/A

UPDATES FOR HARD COPY MANUALS WILL BE DISTRIBUTED  
WITHIN 5 DAYS IN ACCORDANCE WITH DEPARTMENT  
PROCEDURES. PLEASE MAKE ALL CHANGES AND  
ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX UPON  
RECEIPT OF HARD COPY. FOR ELECTRONIC MANUAL USERS,  
ELECTRONICALLY REVIEW THE APPROPRIATE DOCUMENTS AND  
ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX.

## PAVSS INSTRUCTIONS

### INITIALIZATION OF PAVSS CHANNELS WILL BE PERFORMED BY CHEMISTRY.

#### A. PLACE "SPING" IN STANDBY

1. Turn "COMMAND ENABLE" key or "EDIT ENABLE" key.
2. Press [STAND-BY] [SPING #] [-] [0] [ENTER].

#### B. DELETE "SPING"

1. Press [FILE] [0] [ENTER].
2. Press arrow key (↑ or ↓) to scroll to "DEL UNIT adv-ch".
3. Turn the "EDIT ENABLE" key.
4. Press [EDIT].
5. Press [SPING #] [-] [0] [ENTER].
6. When message "DELETE CH.FILE" appears, answer [0] for "NO", [ENTER].

#### C. INITIALIZE "PAVSS"

1. Scroll to "ADD UNIT adv-ch".
2. Ensure the "EDIT ENABLE" key has been turned.
3. Press [EDIT].
4. Press [PAVSS #] [-] [0] [ENTER].
5. Press [FILE] [PAVSS #] [-] [CHANNEL #] [ENTER].
6. Scroll to inspect the file while comparing it to the calibration data sheet.

**NOTE:** Calibration data sheets can only be obtained from the Chemistry Lab.

A045

## PAVSS INSTRUCTIONS

### D. DEALING WITH LIMITED IODINE-131/PARTICULATE DATA

The following are options when dose calculations must be performed, but valid I-131 and/or particulate release rate updates are not available:

1. If SPING Noble Gas data is available use:
  - a. The last available SPING Noble Gas (NG)/ I-131 and/or NG/Particulate ratio if plant conditions are not changing significantly, or
  - b. Use a default NG/I-131 of 1,000 and/or a default NG/Particulate ratio of 10,000 if Chemistry data is not available, or
  - c. Use Chemistry SPING sample results when available.
2. If PAVSS is in-service use:
  - a. The last available SPING Noble Gas (NG/I-131) and/or NG/Particulate ratio if plant conditions are not changing significantly, or
  - b. Use a default NG/I-131 ratio of 1,000 and/or a default NG/Particulate ratio of 10,000 if Chemistry data is not available, or
  - c. Use Chemistry SPING sample results if available, or
  - d. Use Chemistry PAVSS sample results when available.

$$\text{Total Iodine Release Rate } (\mu\text{Ci / min}) = \text{Noble Gas Release Rate } (\mu\text{Ci / min}) / \text{Ratio(NG/I - 131)}$$

$$\text{Total Particulate Release Rate } (\mu\text{Ci / min}) = \text{Noble Gas Release Rate } (\mu\text{Ci / min}) / \text{Ratio(NG/Particulate)}$$