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Rev. 2

Effective Date 10/22/99

CHEMISTRY SAMPLING PROCEDURE

CH-631

EMERGENCY PLAN IMPLEMENTING PROCEDURE

FLORIDA POWER CORPORATION

CRYSTAL RIVER UNIT 3

POST ACCIDENT SAMPLING AND ANALYSIS OF REACTOR BUILDING ATMOSPHERE

APPROVED BY: Procedure Owner


(SIGNATURE ON FILE)

DATE: 10/22/99

PROCEDURE OWNER: Manager, Nuclear
Chemistry

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1.0 PURPOSE

- 1.1 This procedure provides instructions for sampling and analyzing Reactor Building atmosphere for gaseous activity during accident conditions.

2.0 REFERENCES

2.1 DEVELOPMENTAL REFERENCES

- 2.1.1 Applied Physical Technology, Volumes A through C (Crystal River Installation PASS manuals)
- 2.1.2 Drawing M.D. 0211033.003
- 2.1.3 EOP-14, Enclosure 2, PPO Post Event Actions
- 2.1.4 FD-302-693, Containment Monitoring System
- 2.1.5 FD-302-694, PASS Containment Monitoring AIM Detection System
- 2.1.6 FD-302-766, Auxiliary Building Post Accident
- 2.1.7 Radiological Emergency Response Plan
- 2.1.8 Regulatory Guide 1.97, Instrumentation For Light-Water Cooled Nuclear Power Plants To Assess Plant And Environs Conditions During And Following An Accident
- 2.1.9 RSP-600, ALARA Program
- 2.1.10 Sampling NUREG 0737, Post-TMI Requirements

2.2 CMIS REFERENCES

WSV-3, WSV-4, WSV-5, WSV-6, WSV-32, WSV-33, WSV-34, WSV-35, WSV-36, WSV-37, WSV-53, WSV-59, WSV-60, WSV-61, WSV-70, WSV-71, WSV-72, WSP-1, WS-14-FI, AHF-67, MEEL-2, DPDP-5A, DPDP-5B, DPDP-8A, DPDP-8B

WS-13-CE, AIMS monitor, 143' AB
CMP, RANGE Mimic Panel, Count Room

3.0 PERSONNEL INDOCTRINATION

3.1 DESCRIPTION

NOTE: The PASS is powered by the B ES Bus through ACDP-59.

The Post Accident Sampling system is an on-line system designed to sample and evaluate various liquid and gaseous sample streams during accident conditions. The Reactor Building Atmosphere and Noble Gas Effluent Monitoring Subsystem (RANGE) samples the RB atmosphere and gaseous effluents from both the RB and AB Vents.

The Post Accident Sampling system provides a means of performing an in-line gamma isotopic analysis and gas grab sample, of the RB atmosphere.

3.2 LIMITS & PRECAUTIONS

3.2.1 Performance of all or part of this procedure will be done by direction of the Emergency Coordinator or designee.

3.2.2 Entries into the controlled access must have Radiation Monitoring Team preplanning, concurrence, and coverage as outlined in EM-104, Operation of the Operational Support Center. Controlled access areas will be defined by the Radiation Monitoring Team personnel.

3.2.3 During post-accident sampling, extremely high radiation exposure levels could be experienced. The ability to perform this procedure and stay within exposure limits will require ALARA pre-planning.

3.2.4 Return to the Lab if the dose rate at places requiring work is determined by the Health Physics Technician to be in excess of the limits specified in the pre-job briefing.

3.2.5 All sampling actions are performed at the Main Control Board by Operations or in the Count Room either on the VAX Computer or from CMP (RANGE Mimic Panel) unless otherwise noted.

3.2.6 Section 4.1 must be completed prior to any sample team re-entry.

3.2.7 WS-13-CE (RANGE AIMS) can measure $1.0E-6$ $\mu\text{Ci}/\text{cc}$ to $1.0E+5$ $\mu\text{Ci}/\text{cc}$ for the Reactor Building Vent sample point.

3.2.8 WSP-1 may be damaged if operated without complete line-up. WSP-1 is a positive displacement pump.

- 3.2.9 WSV-70 is interlocked with the following valves and will not open if any of these valves are open.
 - o WSV-33
 - o WSV-35
 - o WSV-36
 - o WSV-37

- 3.2.10 WSV-35 is powered from DPDP-5A, Breaker 2. This breaker is normally LOCKED OPEN. The valve is operated from A-EFIC room.

- 3.2.11 WSV-34 is powered from DPDP-8A, Breaker 14. This breaker is normally LOCKED OPEN. The valve is operated from A-EFIC room.

- 3.2.12 WSV-32 is powered from DPDP-8B, Breaker 21. This breaker is normally LOCKED OPEN. The valve is operated from B-EFIC room.

- 3.2.13 WSV-33 is powered from DPDP-5B, Breaker 27. This breaker is normally LOCKED OPEN. The valve is operated from B-EFIC room.

- 3.2.14 Sampling via WSV-3 and WSV-4 is least preferred because sample may not be representative of RB atmosphere.

- 3.2.15 ES must be bypassed or reset by Operations before WSV-3, 4, 5 or 6 can be opened from the Control Room.

4.1 SAMPLE TEAM CHECKLIST (Cont'd)

ACTIONS	DETAILS
4.1.3 DISCUSS supplies for obtaining a sample utilizing WSSB -2	<p><u>IF</u> obtaining WSSB-2 gas grab sample, <u>THEN</u> ENSURE the following:</p> <ul style="list-style-type: none">___ MEEL-2, AB Elevator, is operable to transport WSSB-2___ Allen wrench, or equivalent as determined by Chemistry supervision, for removing T-Handle from grab sampler and attaching to new grab sampler___ Knife available, or equivalent as determined by Chemistry supervision, to cut transit cover strap from lifting eye___ Tie-wrap, or equivalent as determined by Chemistry supervision, to attach transit cover to new grab sampler lifting eye <p style="text-align: right;">_____ Initial/Date</p>

4.1 SAMPLE TEAM CHECKLIST (Cont'd)

ACTIONS	DETAILS
4.1.4 ALIGN electrical power supplies	<p>NOTE: Breakers for Non-representative sampling are normally closed.</p> <p>___ VERIFY operations has performed EOP-14, Enclosure 2 PPO Post Event Actions Yes ___ No ___</p> <p><u>IF</u> EOP-14, Enclosure 2 was <u>not</u> performed, <u>THEN</u> REQUEST Operations UNLOCK and CLOSE the following breakers:</p> <ul style="list-style-type: none"> o DPDP-5A, Breaker 2 o DPDP-5B, Breaker 27 o DPDP-8A, Breaker 14 <p><u>OR</u></p> <ul style="list-style-type: none"> o DPDP-8B, Breaker 21 <p>___ Operations REPORTS breakers closed</p> <p style="text-align: right;">_____ Initial/Date</p>

4.2 GAMMA ISOTOPIC ANALYSIS

ACTIONS	DETAILS
4.2.1 ALIGN system for sample	<ol style="list-style-type: none"> 1. NOTIFY Control Room to perform the following: <ul style="list-style-type: none"> ___ Bypass or reset ES actuations ___ OPEN WSV-5 ___ OPEN WSV-6 2. <u>IF</u> normal sample is desired, <u>THEN</u> NOTIFY Control Room to OPEN the following valves: (A-EFIC Room, Relay Rack RR4A) <ul style="list-style-type: none"> ___ WSV-34 ___ WSV-35 3. <u>IF</u> Alternate sample is desired <u>THEN</u> NOTIFY Control Room to OPEN the following valves: (B-EFIC Room, Relay Rack RR4B) <ul style="list-style-type: none"> ___ WSV-32 ___ WSV-33 4. <u>IF</u> non-representative alternate sample alternate sample is desired, <u>THEN</u> NOTIFY Control Room to OPEN the following valves: <ul style="list-style-type: none"> ___ WSV-3 ___ WSV-4 5. OPEN the following valves: <p style="margin-left: 40px;">Normal or Alternate sample</p> <ul style="list-style-type: none"> ___ WSV-61 ___ WSV-37 <p style="margin-left: 40px;"><u>OR</u></p> <p style="margin-left: 40px;">Non-representative alternate sample</p> <ul style="list-style-type: none"> ___ WSV-36 ___ WSV-61 ___ WSV-37

Initial/Date

4.2 GAMMA ISOTOPIC ANALYSIS (Cont'd)

ACTIONS	DETAILS
---------	---------

CAUTION: WSP-1 may be damaged if operated without complete line-up.

- | | | |
|-------|--------------------|---|
| 4.2.2 | PURGE sample line. | 1. ___ START WSP-1
2. ___ VERIFY flow at WS-14-FI
3. ___ IF NO flow indication at WS-14-FI,
THEN NOTIFY OSC Chemistry Coordinator
4. ___ STOP WSP-1 |
|-------|--------------------|---|

NOTE: Procedure may continue while purging sample.

5. ___ PURGE at least 10 minutes

Initial/Date

- | | | |
|-------|---|--|
| 4.2.3 | PERFORM pre-analysis checks on WS-13-CE, RANGE AIMS detector. | 1. ___ VERIFY > 50 pounds liquid nitrogen at RANGE liquid nitrogen monitor |
|-------|---|--|

CAUTION: Do not reset liquid nitrogen monitor unless high voltage bias is adjusted to 0 volts.

2. ___ ENSURE RANGE detector voltage adjusted per PASS and RANGE AIMS Equipment Logbook
3. ___ ENSURE weekly calibration check performed within past 7 days per CH-234 as indicated on weekly Count Room QC logsheet in Count Room Task logbook

Initial/Date

4.2 GAMMA ISOTOPIC ANALYSIS (Cont'd)

ACTIONS	DETAILS
---------	---------

4.2.4 PERFORM Gamma Isotopic Analysis

1. ___ LOG ON VAX computer as
Username: PASS
2. ___ SELECT PASS MENU
3. ___ ENTER NO to prompt DO YOU WANT
A SPECTRAL DISPLAY WINDOW?
(Default)
4. ___ SELECT GASEOUS SAMPLING
5. ___ SELECT RB CONTAINMENT Sample
Point
6. ___ EITHER ENTER Q to quit MUX
display and continue with
procedure
___ OR RETURN to update MUX values
7. ___ ENTER NO to abort sample
(Default value)
8. ___ UPDATE sample parameters
9. ___ SELECT ACCEPT
10. ___ SELECT QUIT key to exit
11. ___ ENTER LO to log off VAX
computer
12. ___ ATTACH gamma scan to this
procedure
13. ___ If requested, assess core
damage utilizing Enclosure 2
and document on gamma scan
14. ___ NOTIFY OSC Chemistry
Coordinator or designee of
results

Gamma Scan ID number(s):

_____/_____/_____
Initial/Date/Time

_____/_____/_____
Initial/Date/Time

_____/_____/_____
Initial/Date/Time

15. ___ IF additional Gamma Isotopic
Analysis are required,
THEN REPEAT steps 1 through 13
- _____/_____
Initial/Date

4.2 GAMMA ISOTOPIC ANALYSIS (Cont'd)

ACTIONS	DETAILS
4.2.5 ALIGN system for instrument air purge	1. ___ OPEN WSV-53 2. NOTIFY Control Room to ENSURE the following valves are closed: ___ WSV-3 (MCB) ___ WSV-4 (MCB) ___ WSV-32 (B-EFIC Room) ___ WSV-33 (B-EFIC Room) ___ WSV-34 (A-EFIC Room) ___ WSV-35 (A-EFIC Room)
	NOTE: Procedure may continue while purging.
	3. ___ PURGE at least 10 minutes
	_____/ Initial/Date

4.2.6 PERFORM AIMS purge	1. ___ LOG ON VAX computer as Username: PASS 2. ___ SELECT PASS MENU 3. ___ ENTER NO to prompt DO YOU WANT A SPECTRAL DISPLAY WINDOW?(Default) 4. ___ SELECT Flush Sample Lines 5. ___ SELECT RANGE AIR PURGE 6. ___ MAXIMIZE MCA Display 1 and toggle ADCs to select CAS CONFIGURATION
	NOTE: Step 7 may be repeated to monitor purge progress.
	7. ___ SELECT ERASE function on MCA Display to re-acquire spectrum 8. ___ <u>WHEN</u> a low stable countrate observed, <u>THEN</u> MINIMIZE MCA display 9. ___ SELECT RETURN 10. ___ DEPRESS PF4 TO QUIT 11. ___ ENTER LO to log off
	_____/ Initial/Date

4.2 GAMMA ISOTOPIC ANALYSIS (Cont'd)

ACTIONS	DETAILS
4.2.7 SECURE instrument air purge	1. ___ STOP WSP-1 2. ENSURE CLOSED the following valves: ___ WSV-53 ___ WSV-61 ___ WSV-37 ___ WSV-36 3. NOTIFY Control Room CLOSE the following valves: ___ WSV-5 (MCB) ___ WSV-6 (MCB)

 /
Initial/Date

4.3 WSSB-2 GAS GRAB SAMPLE

ACTIONS	DETAILS
4.3.1 PREPARE WSSB-2 for grab sample. WSSB-2 is located 143' AB west of elevator	<p>NOTE: AHF-67 switch is located on wall left of AHF-67.</p> <p>1. ___ START AHF-67, WSSB-2 exhaust fan</p> <p style="text-align: right;">_____ Initial/Date</p>
4.3.2 ALIGN system for gas grab sample	<p>1. NOTIFY Control Room to perform the following:</p> <ul style="list-style-type: none"> ___ Bypass or reset ES actuations ___ OPEN WSV-5 ___ OPEN WSV-6 <p>2. <u>IF</u> normal sample is desired, <u>THEN</u> NOTIFY Control Room to OPEN the following valves: (A-EFIC Room, Relay Rack RR4A)</p> <ul style="list-style-type: none"> ___ WSV-34 ___ WSV-35 ___ OPEN WSV-5 ___ OPEN WSV-6 <p>3. <u>IF</u> Alternate sample is desired, <u>THEN</u> NOTIFY Control Room to OPEN the following valves: (B-EFIC Room, Relay Rack RR4B)</p> <ul style="list-style-type: none"> ___ WSV-32 ___ WSV-33 ___ WSV-5 ___ WSV-6 <p>4. <u>IF</u> non-representative alternate sample alternate sample is desired, <u>THEN</u> NOTIFY Control Room to OPEN the following valves:</p> <ul style="list-style-type: none"> ___ WSV-3 ___ WSV-4 ___ WSV-5 ___ WSV-6

4.3 WSSB-2 GAS GRAB SAMPLE (Cont'd)

ACTIONS	DETAILS
---------	---------

4.3.2 (Cont'd)

5. OPEN the following valves:
Normal or alternate sample

- ___ WSV-59
- ___ WSV-60
- ___ WSV-37

OR

Non-representative alternate sample

- ___ WSV-36
- ___ WSV-59
- ___ WSV-60
- ___ WSV-37

_____/_____
INITIAL/DATE

CAUTION: WSP-1 may be damaged if operated without complete line-up.

4.3.3 ALIGN for RB atmosphere gas grab sample.

1. ___ START WSP-1
2. ___ VERIFY flow at WS-14-FI
3. ___ IF NO flow indication at WS-14-FI,
THEN NOTIFY OSC Chemistry Coordinator
4. ___ PURGE at least 10 minutes
5. ___ STOP WSP-1

_____/_____
Initial/Date

4.3 WSSB-2 GAS GRAB SAMPLE (Cont'd)

ACTIONS	DETAILS
4.3.4 ISOLATE grab sample. WSSB-2 is located 143' AB west of elevator.	NOTE: WSV-71 and WSV-72 T-Handle operator is attached to WSSB-2. 1. ___ CLOSE WSV-72 using T-Handle 2. ___ CLOSE WSV-71 using T-Handle _____/_____/_____ Initial/Date/Time

4.3.5 ALIGN for Instrument Air purge.	1. ___ OPEN WSV-53 2. NOTIFY Control Room to ENSURE the following valves are closed: ___ WSV-3 (MCB) ___ WSV-4 (MCB) ___ WSV-32 (B-EFIC Room) ___ WSV-33 (B-EFIC Room) ___ WSV-34 (A-EFIC Room) ___ WSV-35 (A-EFIC Room) NOTE: Procedure may continue while purging. 3. ___ PURGE at least 10 minutes _____/_____ Initial/Date
---------------------------------------	--

4.3 WSSB-2 GAS GRAB SAMPLE (Cont'd)

ACTIONS	DETAILS
4.3.6 PERFORM pre-analysis AIMS detector checks on WS-13-CE, RANGE AIMS detector.	1.____ VERIFY > 50 pounds of liquid nitrogen at RANGE liquid nitrogen monitor ***** CAUTION: Do not reset liquid nitrogen monitor unless high voltage bias is adjusted to 0 volts. ***** 2.____ ENSURE RANGE detector high voltage adjusted per PASS and RANGE AIMS Equipment Logbook 3.____ ENSURE weekly calibration check performed within past 7 days per CH-234 as indicated on weekly Count Room QC logsheet in Count Room Task Logbook

Initial/Date

4.3 WSSB-2 GAS GRAB SAMPLE (Cont'd)

ACTIONS	DETAILS
4.3.7 PURGE WS-13-CE, RANGE AIMS.	1. ___ LOG ON VAX computer as Username: PASS 2. ___ SELECT PASS MENU 3. ___ ENTER NO to prompt DO YOU WANT A SPECTRAL DISPLAY WINDOW? (Default) 4. ___ SELECT Flush Sample Lines 5. ___ SELECT RANGE AIR PURGE 6. ___ MAXIMIZE MCA Display 1 and toggle ADCs to select CAS CONFIGURATION
	NOTE: Step 7 may be repeated to monitor purge progress.
	7. ___ SELECT ERASE function on MCA Display to re-acquire spectrum 8. ___ <u>WHEN</u> a low stable countrate observed, <u>THEN</u> MINIMIZE MCA display 9. ___ SELECT RETURN 10. ___ DEPRESS PF4 TO QUIT 11. ___ ENTER LO to log off
	_____/ Initial/Date

4.3.8 RESTORE system line-up.	1. ___ OPEN WSV-61 2. ___ CLOSE WSV-59 3. ___ CLOSE WSV-60 4. ___ PURGE at least 1 minute 5. ___ STOP WSP-1 6. ENSURE CLOSED the following valves: ___ WSV-53 ___ WSV-61 ___ WSV-37 ___ WSV-36 7. NOTIFY Control Room CLOSE the following valves: ___ WSV-5 (MCB) ___ WSV-6 (MCB)
	_____/ Initial/Date

4.3 WSSB-2 GAS GRAB SAMPLE (Cont'd)

ACTIONS	DETAILS
4.3.9 REMOVE WSSB-2. WSSB-2 is located 143' AB west of elevator.	<ol style="list-style-type: none"> 1. ___ OBTAIN 3/4" wrench from Primary lab key locker 2. ___ INSTALL grab sampler ramp 3. DISCONNECT grab sampler: <ol style="list-style-type: none"> a. ___ SQUEEZE disengagement lever b. ___ PUSH engagement handle to rearmost position c. ___ PULL UP cart to station lock mechanism to release cart d. ___ REMOVE WSSB-2 from sample station 4. ___ INSTALL transit cover over quick connects 5. ___ TRANSPORT grab sampler to 95' TB crane well 6. ___ UNBOLT grab sampler from cart 7. ___ REMOVE T-Handle operator from grab sampler

NOTE: Procedure may be continued while step 8 is completed.

8. ___ GO TO section 5.1, Notifications and Shipment, for off-site shipment.

Initial/Date

4.3 WSSB-2 GAS GRAB SAMPLE (Cont'd)

ACTIONS	DETAILS
4.3.10 INSTALL new WSSB-2 grab sampler at sample station. Sample station is located 143' AB west of elevator.	1. ___ BOLT new grab sampler onto cart 2. ___ REMOVE transit cover 3. ___ ATTACH transit cover to lifting ring on grab sampler 4. ___ ATTACH T-Handle to new grab sampler 5. ___ OPEN WSV-72 with T-Handle 6. ___ OPEN WSV-71 with T-Handle 7. ___ TRANSPORT new grab sampler to sample station

CAUTION: When installing WSSB-2, force may damage quick connects.

NOTE: When positioned correctly, WSSB-2 makes metal-to-metal contact with curved face of sample station.

NOTE: Several attempts may be necessary to align grab sampler.

8. INSTALL grab sampler
 - a. ___ One person GUIDE WSSB-2 into sample station
 - b. ___ Second person PUSH WSSB-2 onto platform
 - c. ___ HALT WSSB-2 several inches from connection point
 - d. ___ SLOWLY PUSH WSSB-2 into sample station
 - e. ___ ENGAGE Cart to Station Locking Mechanism
 - f. ___ PUSH Locking Mechanism handle completely down, DRIVING lock bolt through hole in cart
 - g. ___ GENTLY PULL Engagement Handle. A distinct "click" may be heard.

4.3 WSSB-2 GAS GRAB SAMPLE (Cont'd)

ACTIONS	DETAILS
4.3.10 Continued	h.____ ENSURE engagement 1.____ UNLOCK cart from station by pulling up on Cart to Station Locking Mechanism handle 2.____ MOVE Engagement Handle back and forth 3.____ If properly connected, cart will move back and forth i.____ RELOCK cart to station pushing locking mechanism handle completely down, driving lock bolt through hole in cart
	<u> </u> Initial/Date

5.0 CONTINGENCIES

5.1 NOTIFICATIONS AND SHIPMENTS

ACTIONS	DETAILS
---------	---------

NOTE: The emergency 24 hour access phone number is (800) 335-9264.

NOTE: Spare grab sample bombs are located under FIMIS #1400513.

5.1.1 PERFORM notifications.

___ NOTIFY Manager, Nuclear Operations Materials Controls that a grab sample has been taken and to initiate acquisition process for shielded sample cask

___ NOTIFY BWX Technologies Emergency Sample Coordinator when a grab sample has been collected that will require offsite analysis

___ PROVIDE the following information:

- o Utility and plant name
- o Name and phone of ChemRad Specialist to whom follow-up communication should be addressed
- o Number and type of samples to be shipped (i.e., liquid, gaseous, or iodine cartridge)
- o Measured radiation levels at surface and three feet from shipping container
- o Estimated shipping time, mode of transportation, carrier, and estimated arrival at BWX Technologies site in Lynchburg, VA

Shipping Address

BWX Technologies
Lynchburg Technology Center
Route 726, Mt. Athos Road
Lynchburg, VA 24506
Attn: Kenneth D. Long
(804) 335-9264

___ All data accumulated per this procedure is to be summarized on Enclosure 1 and forwarded to the Emergency Coordinator via Chemistry supervision

Initial/Date

TECHNICAL SUPPORT CENTER DATA SHEET

REACTOR BUILDING ATMOSPHERE

Gamma Isotopic

RB Total Activity _____ $\mu\text{Ci/cc}$

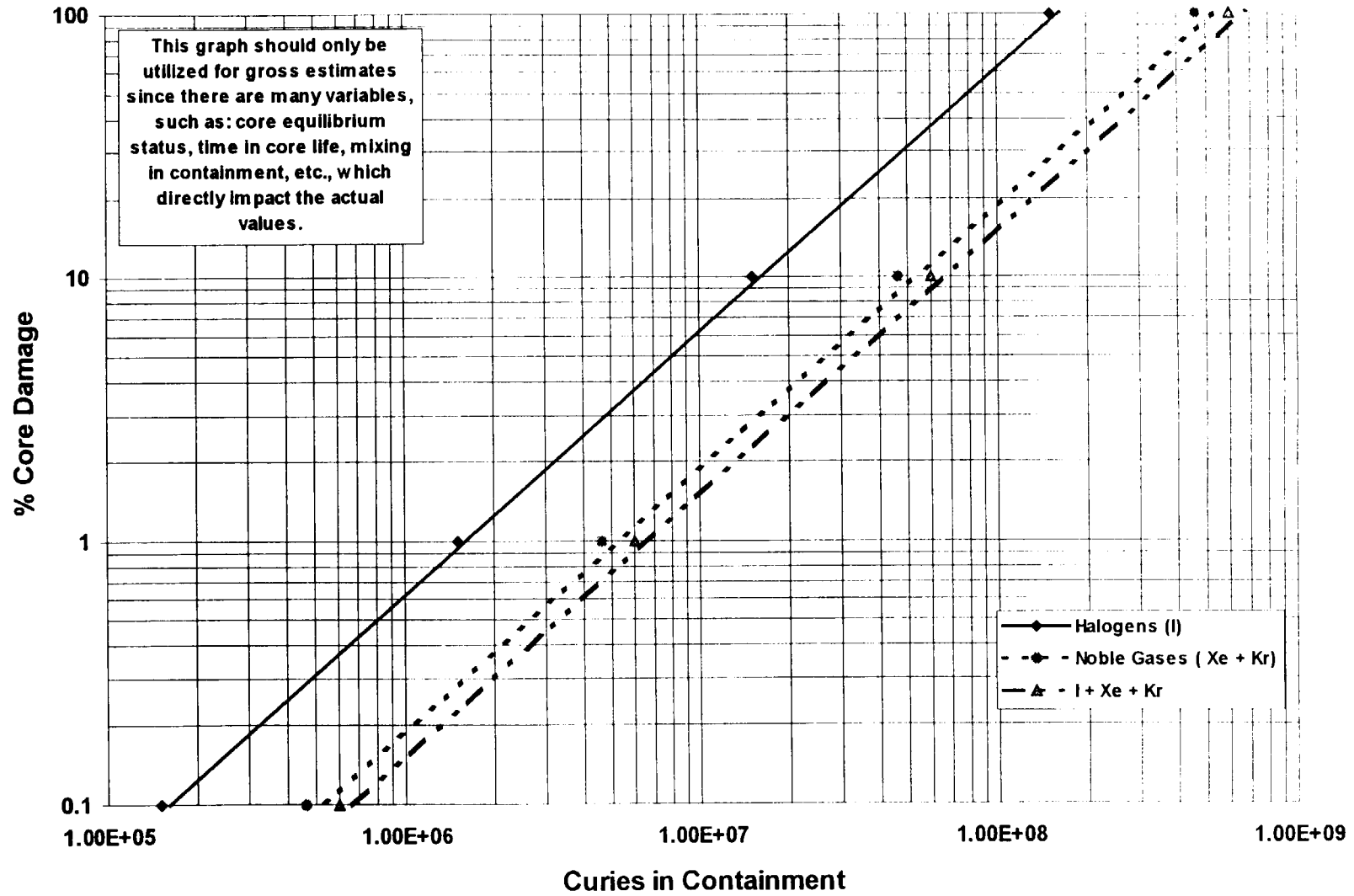
Major Contributing Isotopes

ISOTOPE	ACTIVITY
_____	_____ $\mu\text{Ci/cc}$
_____	_____ $\mu\text{Ci/cc}$
_____	_____ $\mu\text{Ci/cc}$
_____	_____ $\mu\text{Ci/cc}$
_____	_____ $\mu\text{Ci/cc}$
_____	_____ $\mu\text{Ci/cc}$
_____	_____ $\mu\text{Ci/cc}$
_____	_____ $\mu\text{Ci/cc}$
_____	_____ $\mu\text{Ci/cc}$
_____	_____ $\mu\text{Ci/cc}$
_____	_____ $\mu\text{Ci/cc}$
_____	_____ $\mu\text{Ci/cc}$
_____	_____ $\mu\text{Ci/cc}$
_____	_____ $\mu\text{Ci/cc}$
_____	_____ $\mu\text{Ci/cc}$

$$RB \text{ ACTIVITY (Ci)} = (2.0 \text{ E6 cubic feet}) \times \left(\frac{28317 \text{ cc}}{\text{cubic foot}} \right) \times \left(\frac{1 \text{ E} - 6 \text{ Ci}}{\mu\text{Ci}} \right) \times \left(RB \text{ ACTIVITY } \frac{\mu\text{Ci}}{\text{cc}} \right)$$

RB Total Activity _____ Ci

_____/_____/_____
Initial/Date/Time



PROCEDURE DEVELOPMENT AND REVISION RECORD

Procedure: CH0631

New Rev: 2

PRR#: 17344

Title: POST ACCIDENT SAMPLING AND ANALYSIS OF REACTOR BUILDING ATMOSPHERE

MINOR CHANGES

If Minor Changes are included, check the applicable box(es) and provide a list of affected steps.
The following corrections are incorporated throughout:

- | | |
|---|---|
| <input type="checkbox"/> Sentence Structure | <input type="checkbox"/> Redundant words or phrases |
| <input type="checkbox"/> Punctuation | <input type="checkbox"/> Abbreviations |
| <input type="checkbox"/> Capitalization | <input type="checkbox"/> Obviously incorrect units of measure |
| <input type="checkbox"/> Spelling | <input type="checkbox"/> Inadvertently omitted symbols (#, %, etc.) |
| <input type="checkbox"/> Organizational Changes: position titles,
department names, or telephone numbers | <input type="checkbox"/> Obvious step numbering discrepancies |
| | <input type="checkbox"/> Format |

The following corrections are incorporated in the step(s) indicated: "Throughout" is used in lieu of Step# if a specific change affects a large number of steps.

Correcting equipment nomenclature that does not agree with field labels or balance of procedure

Changing information that is obviously incorrect and referenced correctly elsewhere

Misplaced decimals that are neither setpoint values nor tolerances

Reference to a procedure when an approved procedure has taken the place of another procedure

Fixing branching points when it is clear the branching steps were originally intended but were overlooked or incorrectly stated due to step number changes

Adding clarifying information such as NOTES and CAUTIONS

Adding words to clarify steps, NOTES, or CAUTIONS which clearly do not change the methodology or intent of the steps

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5.1

Adding clarifying information such as NOTES and CAUTIONS

Adding words to clarify steps, NOTES, or CAUTIONS which clearly do not change the methodology or intent of the steps

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Title: POST ACCIDENT SAMPLING AND ANALYSIS OF REACTOR BUILDING ATMOSPHERE

NON-INTENT CHANGES

Changes are incorporated for the reasons provided. "Throughout" is used in lieu of Step # if a specific change affects a large number of steps. For new or cancelled procedures the reason is provided.

3.2.1, 3.2.2, 4.1.1, 4.1.3,
4.3.3, 4.1.4

Clarify instructuins.

Cover Page

Add ID as EP Implementing procedure.

3.2.4

Revis dose limit to agree with pre-job directions.
