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**Department of Energy**  
Richland Operations Office  
P.O. Box 550  
Richland, Washington 99352

**JUL 22 2003**

03-RCA-0317

Mr. A. W. Conklin, Supervisor  
Air Emissions and Defense Waste Section  
Washington State Department of Health  
P.O. Box 47827  
Olympia, Washington 98504

**RECEIVED**  
AUG 07 2003  
**EDMC**

Dear Mr. Conklin:

**REPORT OF CLOSURE FOR B PLANT FILTERS PASSIVE VENT, 296-B-2, AND  
APPROVAL LETTERS AIR 97-805 AND AIR 97-1012 FOR B PLANT MODIFICATION OF  
THE VENTILATION SYSTEM**

Enclosed is a Report of Closure for permitted B Plant ventilation system modification activities pursuant to Washington Administrative Code 246-247-080(6). This report officially notifies the Washington State Department of Health of closure for the B Plant filter passive vent, 296-B-2, and that activities permitted by Notice Of Construction (NOC) approvals AIR 97-805 and AIR 97-1012 (NOC ID Numbers 235, 240, 418 and 494) have been completed. If you have any questions, please call Mary F. Jarvis, of my staff, on (509) 376-2256.

Sincerely,

Joel Hebdon, Director  
Regulatory Compliance and Analysis Division

RCA:MFJ

Enclosure

cc: See page 2

Mr. A. W. Conklin  
03-RCA-0317

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JUL 22 2003

cc w/encl:

L. P. Diediker, FHI  
E. W. Fordham, WDOH, MSIN B1-42  
R. Gay, CTUIR  
W. E. Green, FHI  
R. H. Gurske, FHI  
R. Jim, YN  
G. J. LeBaron, FHI  
J. K. Perry, FHI  
D. J. Riffe, FHI  
J. W. Schmidt, WDOH, MSIN B1-42  
D. Sobotta, NPT  
O. S. Wang, Ecology  
Environmental Portal  
Admin. Record

## NOC Application/Permit Revision

NOTE: Any increase to abated or unabated PTE requires a full NOC modification

### REASON FOR CHANGE

Submittal Date: 7 Jul 2003

Submittal Type: Letter Submittal

**NOC Application Revision\***

**Condition Change/ Clarification\***

WDOH Condition Number: \_\_\_\_\_

AOP Condition Number: \_\_\_\_\_

**ALARACT Revision\***

**Report of Closure\*\***

New ALARACT Rev Number: \_\_\_\_\_

### PROJECT IDENTIFICATION

Project Title: Closure of the 296-B-2 vent and Radioactive Air Emissions Notice of Construction for Modification of the Ventilations System for B Plant Complex, 221-B Canyon Building (Project W-059)

Current NOC Application Number: AOP Permit 00-05-006/License Number FF-01

AEI ID Number (AOP Emission Unit Number(s)): 200E P-296B002-001 (404)

Current WDOH Approval Letter Number(s): AIR 97-805 and AIR 97-1012

WDOH NOC ID Number: NOC ID: 235, 240, 418 & 494

### DESCRIPTION OF CHANGE\*

Number of Attachments 0

*WDOH will provide a new approval letter containing any new or modified conditions that result from the following proposed change.*

Proposed Change (provide original and proposed wording): Closure of the 296-B-2 passive vent and the associated NOC. Also close the NOC residual conditions for 296-B-1 (but not 296-B-1 stack).

### Report of Closure\*\*

Number of Attachments 0

*WAC 246-247-080(6) Indicate whether, despite cessation of operations, there is still a potential for radioactive air emissions and a need for an active or passive ventilation system with emission control and/or monitoring devices. If decommissioning is planned and will constitute a modification, a NOC is required, as applicable, in accordance with WAC 246-247-060.*

*If monitoring, reporting or record keeping, are being relaxed, propose alternatives and give justification.*

This Report of Closure reports the closure of the 296-B-2 passive vent and requests that reference to it and the associated NOC conditions be closed and removed from the AOP. The purpose for which the vent was installed is no longer valid, so the vent is not needed and the discharge points were capped (work package CP-03-00120/W).

While the 296-B-1 stack continues to operate, it is requested that the NOC conditions for the construction of the stack be closed since the construction/modification of the stack is complete. The NOC conditions that do not relate to construction/modification of the stack are redundant with WAC 246-247 requirements. Hence, leaving the conditions open only results in administrative work and doesn't increase protection of human health or the environment. This request closes the NOC and cancels its reference from the AOP.

1. Date of Closure: 13 June 2003

2. Remaining Material

Remaining material on filters A-E:

<sup>137</sup>Cs <156,000 Ci

<sup>90</sup>Sr <71,000 Ci

Pu mixture <4 g or 0.7 Ci

3. Assessment of potential continued emissions

The filters are underground and there is no direct path to the environment. Therefore, the potential continued emissions approaches zero.

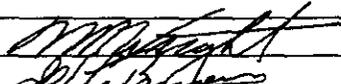
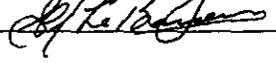
4. Future plans

There are no future plans to use the filter passive vent. The 296-B-1 will continue to operate for the immediate future.

5. Emissions control and monitoring

Based on this report of closure it is requested that emission unit 200E P-296B002-001 (296-B-2) (Emission Unit ID: 404 and the associated NOC Revision Approval (WDOH NOC ID: 235, 240, 418 & 494) be removed from the Hanford Site Air Operating Permit (AOP Permit 00-05-006/ License Number FF-01).

**SIGNATURES**

Reviewed by Contractor	Reviewed by RL/ORP	Approved by WDOH
		
		
Date: 10 JUL '03	Date: 7/22/03	Date:

**FOR WDOH USE ONLY**

Data Entry Completed By: \_\_\_\_\_ Date: \_\_\_\_\_