

Westinghouse  
Hanford CompanyInternal  
Memo

From: UO<sub>3</sub> Plant Operations  
 Phone: 3-3423 MO-107/200W, T7-20  
 Date: January 4, 1989  
 Subject: CHARACTERIZATION OF PROCESS CONDENSATE TO 216-U-12 CRIB

12123-89-002 Rev.1

To: D. W. Medley H4-50

cc: LLL Adams T7-20  
 JE Cottrell *DEC* T7-20  
 GEM LB/file

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 OCT 11 2005

EDMC

The 216-U-12 crib received process condensate waste from the UO<sub>3</sub> Plant from 1978 until January 31, 1988, when the U-12 crib was isolated. The process condensate was a result of the boiling off of radioactive solutions, and as such was considered to be a contaminated stream.

During the first part of 1987, the operation of the process was modified to assure that the pH of the process condensate going to the U-12 crib was greater than 2.0. Samples of the process condensate were collected and analyzed for determination of what was being sent to the crib. The process condensate was sampled as it was being sent to the crib. The samples were collected over a period of one week. Environmental and process samples were taken every Friday from the collected process condensate samples. The sample point designated as C-5 was the process sample taken and analyzed within two to three days. The analysis results for C-5 process sample are attached. It can be seen that after January 1987, the pH of the process condensate sent to the crib was always above 2.0.

The process condensate that was sent to the 216-U-12 crib after July 27, 1987 was not corrosive and should not be considered Radioactive Mixed Waste.

*G. E. Millward*

G. E. Millward, Staff Engineer  
 UO<sub>3</sub> Plant Operations

gem

Att:

• Wayne thinks there is documentation of pipe being blanked on a specific date - hasn't found it yet

• when this letter was written, Wayne (& others) were surprised, because pipe to U-12 had been blanked well before  
 • engs at facility were well aware of the date that the pipe had been blanked

**Isom, Debra A (Debbi)**

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**From:** Price, John [Jpri461@ECY.WA.GOV]  
**Sent:** Monday, October 10, 2005 1:19 PM  
**To:** Isom, Debra A (Debbi)  
**Cc:** Wise, Barbara K; Leary, Kevin D  
**Subject:** Please place in admin. record for 216-U-12 crib  
**Attachments:** Interview Notes 216-U-12.pdf; Notes on 01-01-1989 Memo 216-U-12.pdf

Per Barb's suggestion, attached scanned documents should go into Admin. Record for 216-U-12 crib.

Thanks.

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