

**ENERGY
NORTHWEST**

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GO2-04-002

U.S. Nuclear Regulatory Commission
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Subject: **COLUMBIA GENERATING STATION, DOCKET NO. 50-397**
RIS XMR - RESPONSE TO NRC BULLETIN 2003-04, REBASELINING
OF DATA IN THE NUCLEAR MATERIALS MANAGEMENT AND
SAFEGUARDS SYSTEM

References: 1. GO2-03-150 dated September 18, 2003, Material Transaction Report,
Material Balance Report, Material Inventory Report (for reporting period
ending 08/31/2003)

2. GO2-03-184 dated December 12, 2003, Material Transaction Report,
Material Balance Report (for reporting period ending 08/31/2003)

Pursuant to the requirements of NRC Bulletin 2003-04, Energy Northwest submits the requested data for RIS XMR contained in the Attachment. If there are any problems with the data, please contact Lisa Ferek at (509) 377-4618.

Respectfully,



D. W. Coleman
Manager, Regulatory Programs
Mail Drop PE20

Attachment

cc: LC Harris - NRC - NMMSS RN Sherman - BPA/1399
BS Mallett - NRC - RIV TC Poindexter - Winston & Strawn
BJ Benney - NRC - NRR NRC Sr. Resident Inspector - 988C

US1704

ATTACHMENT

DATA FOR NRC BULLETIN 2003-04

- (1) The quantities of special nuclear material (SNM) onsite are as documented in the annual report submittal for the reporting period ending 08/31/03 (References 1 and 2). These reports were prepared in accordance with NUREG/BR-0006 and 0007 and NMMSS Report D-24 as referenced in 10 CFR 72.76 and 74.13. The ending inventories on these reports have been reconciled with the NMMSS database.

The ending inventories are as follows:

- ❖ Material Type 10 (depleted uranium) – 345,872 kg element / 1,795 kg isotope
 - ❖ Material Type 20 E1 (enriched uranium < 5%) – 214,393,038 g element / 3,921,843 g isotope
 - ❖ Material Type 20 E4 (enriched uranium ≥ 80%) – 24 g element / 20 g isotope
 - ❖ Material Type 50 (plutonium) – 3,969,815 g element / 2,588,279 g isotope
- (2) No onsite quantity of foreign obligated source material (i.e., natural uranium, depleted uranium, or thorium) as defined by 10 CFR 40.64 and 150.17 as 1 kg or more.
- (3) No onsite quantity of other types of Government-owned materials, specified as any quantity of deuterium, tritium, curium, americium, neptunium, californium, berkelium, or enriched lithium.