

January 6, 2004

NRC-04-001
10 CFR 74.13(a)

U.S. Nuclear Regulatory Commission
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Kewaunee Nuclear Power Plant
Docket 50-305
License No. DPR-43
Reporting Identification Symbol: RIS-XDR

Response to NRC Bulletin 2003-04: Rebaselining of Data in the Nuclear Materials Management and Safeguards System

- Reference 1: NRC Letter to NMC, "NRC Bulletin 2003-04: Rebaselining of Data in the Nuclear Materials Management and Safeguards System," dated October 8, 2003
- Reference 2: Mr. Jeffrey L. Voskuil, NMC - Kewaunee Nuclear Power Plant (KNPP), to Nuclear Assurance Corporation (NAC) International, "Ref - Kewaunee Material Status Reports," September 29, 2003, (electronic submittal via mailed diskette)
- Reference 3: NMC e-mail from Mr. Brian Huxtable to Mr. Ron Bonifay, NAC International, "Inventory Inquiry to Support NRC Bulletin 2003-04 for NMC Fleet," dated November 4, 2003
- Reference 4: NMMSS News Special Edition "NRC BULLETIN 2003-04: Rebaselining of Data in the Nuclear Materials Management and Safeguards System," dated October 2003
- Reference 5: Fax from Mr. Thomas Cleeremans, NMC - KNPP, to Mr. Jay Riggins, NAC International, "Signed 741 revisions for Kewaunee Depleted U," [Transaction No.: 030404], dated November 12, 2003
- Reference 6: NAC International e-mail from Donna Hinton, to bulletin recipients, "U.S. Nuclear Regulatory Commission (NRC) Bulletin 2003-04", dated December 9, 2003

On October 8, 2003, the U.S. Nuclear Regulatory Commission (NRC) issued Bulletin 2003-04 (Reference 1) to inform licensees of performance concerns associated with the reporting of data to, and the resulting materials balances contained, in the Nuclear Materials Management and Safeguards System (NMMSS) database. Bulletin 2003-04 requested licensees perform a one-time reporting, within 90 days of the date of the bulletin, of inventory holdings of special nuclear material (SNM) and/or foreign obligated source material in their possession as well as other Government-owned materials as specified in the Bulletin. The Bulletin requested licensees to submit the results of this one-time reporting of the balances of the requested material types directly to NMMSS and to coordinate with NMMSS staff resolution of any discrepancies. Subsequently, additional guidance was provided in the NMMSS News Special Edition dated October 2003 (Reference 4) and via an e-mail from Donna Hinton of NAC International to Bulletin recipients, dated December 9, 2003 (Reference 6). This letter is consistent with this guidance.

Nuclear Management Company, LLC (NMC) reported the last annual inventory for the Kewaunee Nuclear Power Plant (KNPP), reporting identification symbol RIS-XDR, on September 29, 2003, (Reference 2) as required by 10 CFR 74.13(a). NMC contacted NMMSS on November 4, 2003, (Reference 3) to validate the reported quantities of SNM, foreign obligated source material, and other types of Government-owned materials as specified in Bulletin 2003-04 in accordance with the additional guidance of NMMSS News Special Edition (Reference 4). Phone conversations and e-mails between NMC – KNPP and NMMSS clarified the discrepancy between the reported inventory values and the values recorded in the NMMSS database. A Material Transaction Report resolving this discrepancy was faxed between NMMSS and NMC – KNPP, signed, and returned to NMMSS on November 12, 2003, (Reference 5) reconciling the reported KNPP inventory values and the NMMSS database. Additionally, as requested, NMC is stating that KNPP has no holdings of Government-owned curium, neptunium, tritium, deuterium, americium, enriched lithium, californium or berkelium. Therefore, NMC has satisfied the intent of Bulletin 2003-04 for the KNPP, and additional one-time reporting of inventory holdings is not required.

This letter contains no new commitments and no revisions to existing commitments. If you have any questions please contact Mr. Thomas Cleeremans, NMC Fuels, at 920-433-1335, or Mr. Paul Kelly, NMC-KNPP Reactor Engineering, at 920-388-8624.



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cc: Administrator, Region III, USNRC
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