

Hardin, Kimberly

From: TAVASSOLI Kamran (AREVA) [kamran.tavassoli@areva.com]
Sent: Monday, October 03, 2011 1:41 PM
To: Hardin, Kimberly
Cc: BONDRE Jayant (AREVA)
Subject: editorial correction for CoC 9302, Rev. 3
Attachments: Correction of Rev No.pdf

Kim,

Pursuit our phone conversation, please see the proposed editorial changes for CoC 9302, Rev. 3.

- 1) Condition 5.(a)(5), page 7 of 17 through page 9 of 17: Revision number of drawings for MP197HB should be corrected based on the revision numbers in the SAR. Please see the attached file for the correct revision numbers.
- 2) Condition 5.(b)(2)(c), page 14 of 17: The numbering of this condition should be changed to 5.(c) since the content of MP197HB is not a subsection of 5.(b), which describes the content of MP197.
- 3) Condition 5.(b)(2)(d), page 14 of 17: The numbering of this condition should be changed to 5.(d) since the Criticality Safety Index applies to both of packaging MP197 and MP197HB and is not a subsection of MP197 only.
- 4) Condition 6, page 14 of 17: To avoid any conflict with Table A.1-2, Table A.8-2 and Table A.9-1 , which allow for damaged fuel with missing rods, Condition 6 should be clarified as follows:
 For the NUHOMS®-MP197 and NUHOMS®-MP197HB packages, fuel assemblies with missing fuel rods shall not be shipped **as intact fuel** unless the missing fuel rods are replaced with dummy rods that displace an equal or greater amount of water.
- 5) References, page 17 of 17: The noted date on the Transnuclear letter should be September 15, 2011

Please let me know if you have any questions.

Thank you,
Kamran

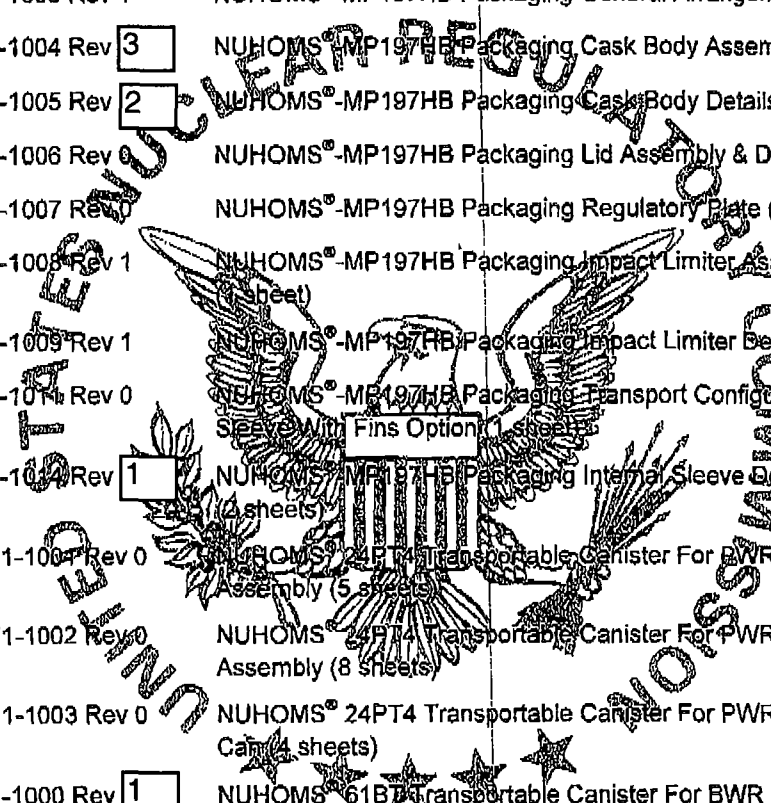
KIMSSOI

NRC FORM 618 (8-2000) 10 CFR 71		U.S. NUCLEAR REGULATORY COMMISSION			
CERTIFICATE OF COMPLIANCE FOR RADIOACTIVE MATERIAL PACKAGES					
1. a. CERTIFICATION NUMBER	b. REVISION NUMBER	c. DOCKET NUMBER	d. PACKAGE IDENTIFICATION NUMBER	PAGE	PAGES
9302	3	71-9302	USA/9302/B(U)F-96	7 OF	17

5.(a)(5) Drawings, NUHOMS®-MP197HB

The NUHOMS®-MP197HB package shall be constructed and assembled in accordance with the following Transnuclear, Inc. drawings:

- MP197HB-71-1001 Rev 1 NUHOMS®-MP197HB Packaging Transport Configuration (2 sheets)
- MP197HB-71-1002 Rev 3 NUHOMS®-MP197HB Packaging Parts List (2 sheets)
- MP197HB-71-1003 Rev 1 NUHOMS®-MP197HB Packaging General Arrangement (1 sheet)
- MP197HB-71-1004 Rev 3 NUHOMS®-MP197HB Packaging Cask Body Assembly (1 sheet)
- MP197HB-71-1005 Rev 2 NUHOMS®-MP197HB Packaging Cask Body Details (3 sheets)
- MP197HB-71-1006 Rev 0 NUHOMS®-MP197HB Packaging Lid Assembly & Details (1 sheet)
- MP197HB-71-1007 Rev 0 NUHOMS®-MP197HB Packaging Regulatory Plate (1 sheet)
- MP197HB-71-1008 Rev 1 NUHOMS®-MP197HB Packaging Impact Limiter Assembly (1 sheet)
- MP197HB-71-1009 Rev 1 NUHOMS®-MP197HB Packaging Impact Limiter Details (1 sheet)
- MP197HB-71-1010 Rev 0 NUHOMS®-MP197HB Packaging Transport Configuration Outer Sleeve With Fins Option (1 sheet)
- MP197HB-71-1011 Rev 1 NUHOMS®-MP197HB Packaging Internal Sleeve Design (2 sheets)
- NUH24PT4-71-1001 Rev 0 NUHOMS® 24PT4 Transportable Canister For BWR Fuel Basket Assembly (5 sheets)
- NUH24PT4-71-1002 Rev 0 NUHOMS® 24PT4 Transportable Canister For PWR Fuel Main Assembly (8 sheets)
- NUH24PT4-71-1003 Rev 0 NUHOMS® 24PT4 Transportable Canister For PWR Fuel Failed Fuel Can (4 sheets)
- NUH61BT-71-1000 Rev 1 NUHOMS® 61BT Transportable Canister For BWR Fuel Parts List (1 sheet)
- NUH61BT-71-1001 Rev 1 NUHOMS® 61BT Transportable Canister For BWR Fuel Basket Assembly (1 sheet)
- NUH61BT-71-1002 Rev 0 NUHOMS® 61BT Transportable Canister For BWR Fuel Basket Details (1 sheet)



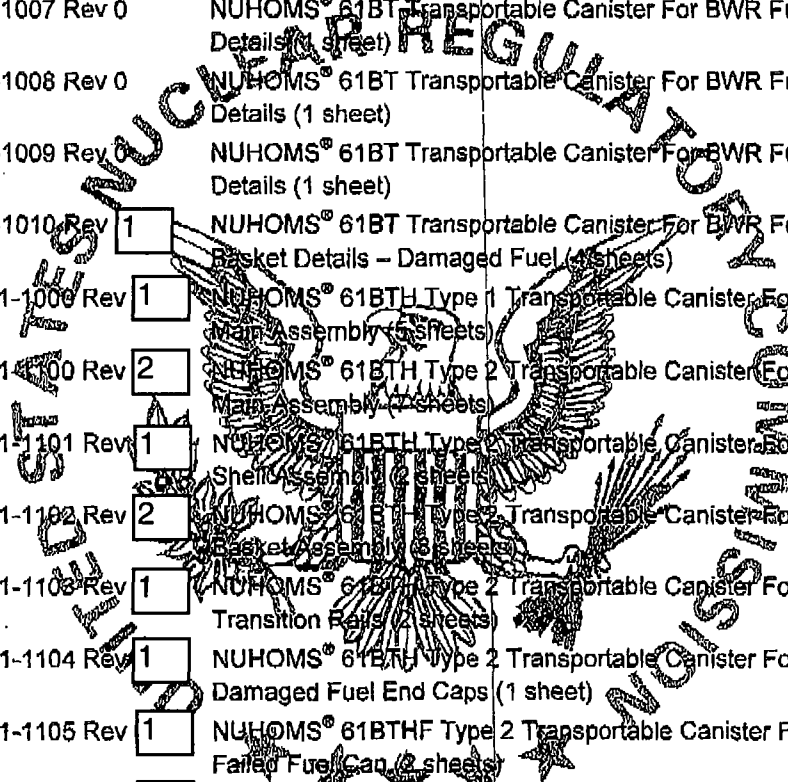
NRC FORM 618
(8-2000)
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U.S. NUCLEAR REGULATORY COMMISSION

**CERTIFICATE OF COMPLIANCE
FOR RADIOACTIVE MATERIAL PACKAGES**

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9302	3	71-9302	USA/9302/B(U)F-96	8	OF 17

- NUH61BT-71-1003 Rev 0 NUHOMS® 61BT Transportable Canister For BWR Fuel General Assembly (1 sheet)
- NUH61BT-71-1004 Rev 0 NUHOMS® 61BT Transportable Canister For BWR Fuel General Assembly (1 sheet)
- NUH61BT-71-1005 Rev 0 NUHOMS® 61BT Transportable Canister For BWR Fuel Shell Assembly (1 sheet)
- NUH61BT-71-1006 Rev 0 NUHOMS® 61BT Transportable Canister For BWR Fuel Shell Assembly (1 sheet)
- NUH61BT-71-1007 Rev 0 NUHOMS® 61BT Transportable Canister For BWR Fuel Canister Details (1 sheet)
- NUH61BT-71-1008 Rev 0 NUHOMS® 61BT Transportable Canister For BWR Fuel Canister Details (1 sheet)
- NUH61BT-71-1009 Rev 0 NUHOMS® 61BT Transportable Canister For BWR Fuel Basket Details (1 sheet)
- NUH61BT-71-1010 Rev 1 NUHOMS® 61BT Transportable Canister For BWR Fuel Additional Basket Details - Damaged Fuel (4 sheets)
- NUH61BTH-71-1009 Rev 1 NUHOMS® 61BTH Type 1 Transportable Canister For BWR Fuel Main Assembly (5 sheets)
- NUH61BTH-71-1100 Rev 2 NUHOMS® 61BTH Type 2 Transportable Canister For BWR Fuel Main Assembly (7 sheets)
- NUH61BTH-71-1101 Rev 1 NUHOMS® 61BTH Type 2 Transportable Canister For BWR Fuel Shell Assembly (2 sheets)
- NUH61BTH-71-1102 Rev 2 NUHOMS® 61BTH Type 2 Transportable Canister For BWR Fuel Shell Assembly (3 sheets)
- NUH61BTH-71-1103 Rev 1 NUHOMS® 61BTH Type 2 Transportable Canister For BWR Fuel Transition Rails (2 sheets)
- NUH61BTH-71-1104 Rev 1 NUHOMS® 61BTH Type 2 Transportable Canister For BWR Fuel Damaged Fuel End Caps (1 sheet)
- NUH61BTH-71-1105 Rev 1 NUHOMS® 61BTHF Type 2 Transportable Canister For BWR Fuel Failed Fuel Can (2 sheets)
- NUH61BTH-71-1106 Rev 2 NUHOMS® 61BTH Type 2 Transportable Canister For BWR Fuel Top Grid Assembly Alternate 3 (2 sheets)
- NUH69BTH-71-1001 Rev 2 NUHOMS® 69BTH Transportable Canister For BWR Fuel Main Assembly (4 sheets)



NRC FORM 619 (8-2000) 10 CFR 71		U.S. NUCLEAR REGULATORY COMMISSION		
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9302	3	71-9302	USA/9302/B(U)F-96	9 OF 17

- NUH69BTH-71-1002 Rev 2 NUHOMS® 69BTH Transportable Canister For BWR Fuel Basket – Shell Assembly (4 sheets)
- NUH69BTH-71-1003 Rev 2 NUHOMS® 69BTH Transportable Canister For BWR Fuel Shell Assembly (4 sheets)
- NUH69BTH-71-1004 Rev 3 NUHOMS® 69BTH Transportable Canister For BWR Fuel Alternate Top Closure (6 sheets)
- NUH69BTH-71-1011 Rev 2 NUHOMS® 69BTH Transportable Canister For BWR Fuel Basket Assembly (5 sheets)
- NUH69BTH-71-1012 Rev 2 NUHOMS® 69BTH Transportable Canister For BWR Fuel Transition Rail Assembly And Details (6 sheets)
- NUH69BTH-71-1013 Rev 2 NUHOMS® 69BTH Transportable Canister For BWR Fuel Holddown Ring Assembly (2 sheets)
- NUH69BTH-71-1014 Rev 1 NUHOMS® 69BTH Transportable Canister For BWR Fuel Damaged Fuel Modification (1 sheet)
- NUH69BTH-71-1015 Rev 2 NUHOMS® 69BTH Transportable Canister For BWR Fuel Damaged Fuel End Caps (1 sheet)
- NUHRWC-71-1001 Rev 1 NUHOMS® System RWC Canister - Welded Top Shield Plug Design Main Assembly (6 sheets)
- NUHRWC-71-1002 Rev 1 NUHOMS® System RWC Canister - Welded Top Shield Plug Design Inner Liner (3 sheets)
- NUHRWC-71-1003 Rev 0 NUHOMS® System RWC Canister - Bolted Top Shield Plug Design Main Assembly (6 sheets)

5.(b) Contents of Packaging, NUHOMS® 61BT DSC

(1) Type and Form of Material

- (a) Intact irradiated BWR fuel assemblies with or without fuel channels, with uranium oxide pellets and zircaloy cladding. Channel thickness is limited to 0.065 to 0.120 inches. Prior to irradiation, the fuel assemblies must meet the dimensions and specifications of Table 1. Assemblies containing fuel rods with no known or suspected cladding defects greater than hairline cracks or pinhole leaks are authorized when contained in the NUHOMS®-61BT DSC.
- (b) The maximum burn-up and minimum cooling times for the individual assemblies shall meet the requirements of Table 2.