

December 18, 2013
REL:13:052



U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Director, Spent Fuel Storage and
Transportation Division
Office of Nuclear Material Safety and Safeguards
11555 Rockville Pike
One White Flint North
Rockville, MD 20852

Subject: Renewal of Certificate of Compliance No. 9252 for the Model No. 51032-2 Packaging – Correction of Typographical Error in Fuel Assembly Parameters Table; Docket No. 71-9252

Ref.: Letter, RE Link to USNRC Document Control Desk; "Request for Five Year Renewal of Certificate of Compliance No. 9252 for the Model No. 51032-2 Packaging; Docket No. 71-9252; September 19, 2013.

Via the referenced letter, AREVA NP Inc. (AREVA) requested a five year renewal of Certificate of Compliance No. 9252 for the Model No. 51032-2 packaging. As part of that renewal, AREVA requested that the table listed in Section 5.(b)(1) of the certificate be replaced with Table 6-1 from the 51032-2 Safety Analysis Report submitted to the NRC on July 7, 2009 and approved by the NRC on September 9, 2009.

AREVA has since discovered that Table 6-1, Fuel Assembly Parameters (51032-2), has a typographical error relative to Minimum Clad Wall Thickness for one of the authorized fuel types. The details of the error are provided in the attached Document Amendment form. Also included is a copy of Table 6-1 with the error corrected. AREVA requests that this corrected version of Table 6-1 be incorporated into the renewed 51032-2 certificate.

We regret any inconvenience that this error has caused. If you have any questions, please feel free to contact me at 509-375-8409 or Jim Davis of my staff at 509-375-8464.

Very truly yours,

Calvin D Manning for

R. E. Link, Manager
Environmental, Health, Safety, & Licensing

RMSSOI

AREVA NP INC.

cc: Bernard H. White
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DOCUMENT AMENDMENT

RELEASE DATE
12-9-2013
RM INITIALS
TNW

Plant/Unit: N/A Page: 1 of 2
Contract No.: A014FR1008 Safety Related: ☒ Yes ☐ No Document Amendment No: 159 - 9215923 - 000
Amended Document No.: 51 - 9092928 - 002
Amended Document Title: Application for Certificate of Compliance for the 51032-2 PWR Fuel Shipping Package Revision 7

Description of Change(s):

Correction of a typographical error for the value of the Minimum Clad Wall Thickness in inches for the 17 x17 Type 1 Advanced W HTP Fuel Assembly in Table 6-1 Fuel Assembly Parameters (51032-2) in Document No. 51-9092928-002 Application for the Certificate of Compliance for 51032-2 PWR Fuel Shipping Package Revision 7. The correction is changing the minimum clad wall thickness from 0.205 (inches) to 0.0205 (inches). The complete corrected Table 6-1 is attached to the next page.

SIGNATURES AND DISTRIBUTION

Amendment Originating Organization

Organization: HRR EHS&LPreparer: James K. Davis
Printed/Typed
Signed12/5/13
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DateApprover: Robert E. Link
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DateDistribution: Records Management-OF47M. L. KoontzJames K. DavisD. M. GrandemangeJason R. HeinemanR. CopelandRobert E. LinkL. G. Stephens

Description of Change(s)
(continued)

The complete corrected Table 6-1 is attached below.

Table 6-1 Fuel Assembly Parameters (51032-2)

Fuel Rod Array Assembly Type	15x15		17x17		16x16
	1 MkB HTP	2 Adv W HTP	1 Adv W HTP	2 MKC	CE 16 Long
Nominal Fuel Rod Pitch, in	0.568	0.563	0.496	0.502	0.506
Number of Fuel Rods	208	204	264	264	236
Maximum Enrichment, wt% 235U	4.8	4.8	4.8	4.8	5.0
Maximum Pellet Density, %TD	97.5	97.5	97.5	97.5	97.5
Minimum Pellet Outer Diameter, in	0.3693	0.3668	0.3218	0.3238	0.3245
Minimum Clad Outer Diameter, in	0.428	0.422	0.372	0.377	0.38
Minimum Clad Wall Thickness, in	0.023	0.023	0.0205	0.022	0.0238
Number of Guide Tubes	16	20	24	24	4
Minimum Guide Tube Outer Diameter, in	0.528	0.542	0.478	0.472	-
Minimum Guide Tube Wall Thickness, in	0.014	0.0145	0.013	0.02	-
Number of Instrument Tubes	1	1	1	1	1
Minimum Instrument Outer Diameter, in	0.491	0.542	0.478	0.472	-
Minimum Instrument Wall Thickness, in	0.024	0.0145	0.013	0.02	-
Clad/Tube Material Type	Zr Alloy	Zr Alloy	Zr Alloy	Zr Alloy	Zr Alloy
Maximum Active Fuel Length, in	144	144	144	144	196