

February 28, 2012

Mr. William M. Arnold, President
Century Industries
P.O. Box 17084
Bristol, VA 24209

SUBJECT: EXTENSION OF AUTHORIZATION FOR SHIPMENT OF HYDROGENOUS
MATERIAL IN THE MODEL NO. VERSA-PAC PACKAGE

Dear Mr. Arnold:

On December 15, 2011, the Certificate of Compliance (CoC) No. 9342 for the Model No. Versa-Pac package was amended to authorize the shipment of 46 packages, each containing TRISO fuel as authorized contents, and up to 200 grams of hydrogenous material per package. This authorization was valid for shipment of already loaded packages, with serial numbers listed in Enclosure 1, and was set to expire on February 28, 2012, because you indicated that two months would constitute a reasonable timeframe to complete the necessary paperwork at the Y-12 National Security Complex.

By letter dated January 24, 2012, Century Industries submitted an amendment request to allow paper labels, plastic tape, plastic bottles, plastic bags, and desiccant, and include them as authorized packing materials for the contents of the package. Century Industries also requested that the use of the neoprene top and bottom pads be considered optional for packages not intended to be reused. The CoC Revision No. 6 was issued on February 2, 2012.

On February 12, 2012, Century Industries advised staff that the shipment of the 46 packages, previously authorized until February 28, 2012, will be delayed because Y-12 had not yet completed sampling of the content's profiles due to "legacy" bulging drums. Although such packages can now be shipped under Revision No. 6 of the CoC, significant expenses will be incurred by the Y-12 National Security Complex to attempt a correction at this point by documenting the current shipment under the CoC Revision No. 6 for packages loaded and documented under the Letter of Authorization. Century Industries also stated that this would create confusion at both Y-12 and NNSS.

The staff agrees to extend the prior authorization to May 31, 2012, for the shipment of the 46 packages with serial numbers listed in Enclosure 1. All other conditions of the December 15, 2011, letter stay the same.

W.M. Arnold

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If you have any questions regarding this authorization, please contact Pierre Saverot at (301) 492-3408.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

/RA/

Christine Lipa, Acting Chief
Licensing Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-9342
TAC No. LA0129

Enclosure 1: Identification Numbers of Loaded Packages
cc: R. Boyle, Department of Transportation

W.M. Arnold

-2-

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cc: R. Boyle, Department of Transportation

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ADAMS P8 Accession No.: ML12060A010

OFC:	SFST		SFST	SFST
NAME:	PSaverot		MDeBose	CLipa
DATE:	02/27/2012		02/28/2012	2/28/2012

Enclosure No. 1: Identification Numbers of Loaded Packages

10571	10581
10588	10597
10600	10602
10605	10606
10607	10609
10611	10612
10613	10614
10615	10616
10617	10618
10619	10620
10621	10622
10623	10625
10626	10627
10628	10629
10630	10631
10632	10633
10634	10646
10647	10649
10651	10652
10653	10654
10655	10562
10569	10598
10601	10608