



January 18, 2017  
NRC:17:004

Mr. Paul Krohn  
U.S. Nuclear Regulatory Commission  
Deputy Director, Division of Construction Inspection and Operational Programs  
Office of New Reactors  
11555 Rockville Pike  
Rockville, MD 20852

**NRC Request for Information on AREVA Creusot Forge Forgings in U.S. Components and Carbon Segregation Issues**

Ref. 1: Letter, Mr. Gary Peters (AREVA NP Inc.) to Ms. Kerri Kavanagh (NRC), "NRC Request for Information on AREVA Creusot Forge Forgings in U.S. Components and Carbon Segregation Issues," NRC:16:035, December 15, 2016.

In Reference 1, AREVA NP Inc. (AREVA) provided an Attachment B which partially answered the NRC Request for Additional Information: "Are the SG channel heads in the U.S. fleet from Creusot Forge manufactured from an ingot with controlled solidification (or similar process)? If not, what process was used and is there reason to suspect high levels of carbon in these components?" The following information is provided to complete the response to this request:

Our records indicate that Creusot Forge provided forgings to other fabricators that were to be used for steam generator (SG) channel heads at five U.S. plants. One site has forgings produced using Solidified Directed Ingot (LSD Type) design and four sites have forgings produced from a conventional ingot upset and hot formed process. Current information indicates there is no reason to suspect any of these forgings have high carbon levels that could pose a safety concern with the component.

If you have any questions, please contact Victor Montalbano by telephone at (434) 832-3368 or by email at [Victor.Montalbano@areva.com](mailto:Victor.Montalbano@areva.com). You may also contact me by telephone at (434) 832-3945, or by e-mail at [Gary.Peters@areva.com](mailto:Gary.Peters@areva.com).

Sincerely,

A handwritten signature in cursive script that reads "Gary Peters".

Gary Peters, Director  
Licensing & Regulatory Affairs  
AREVA NP Inc.

cc: J. G. Rowley  
Project 728

**AREVA INC.**