



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. You may also contact me by telephone at (434) 832-3945, or by e-mail at Gary.Peters@areva.com.

Sincerely,

A handwritten signature in black ink that reads "Gary Peters".

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

cc: J. G. Rowley
Project 728

AREVA INC.