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**MAR 06 2006**

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
11555 Rockville Pike  
Rockville, MD 20852

**SUSQUEHANNA STEAM ELECTRIC STATION  
RESPONSE TO NRC REQUEST FOR ADDITIONAL  
INFORMATION REGARDING EXEMPTION  
REQUEST FROM THE STANDARDIZED NUHOMS®  
CERTIFICATE OF COMPLIANCE NO. 1004  
(TAC. NO. L23943)  
PLA-6026**

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**Docket Nos. 50-387  
50-388  
and 72-28**

- References: 1) Letter, J. M. Sebrosky (NRC) to B. T. McKinney (PPL), "Request for Additional Information Regarding the Susquehanna Request for Exemption from the Standardized NUHOMS® Certificate of Compliance No. 1004 (TAC. NO. L23943)," dated February 28, 2006.*
- 2) PLA-6004, B. T. McKinney (PPL) to Document Control Desk (NRC), "Request for Exemption from 10 CFR 72.214, Certificate of Compliance No. 1004, Amendment No. 8," dated January 31, 2006.*

This letter is in response to the Nuclear Regulatory Commission's (NRC) request for additional information (Reference 1). The NRC requested that PPL Susquehanna, LLC (PPL) provide the parameters contained in Table K.6-3 of the NUHOMS® Final Safety Analysis Report (FSAR) for the Framatome ANP 9x9-2 (FANP9) fuel. The NRC also requested that PPL confirm that the parameters provided in the Enclosure to PPL's exemption request (Reference 2) are consistent with the parameters being provided in Table K.6-3 of the FSAR for the FANP9 fuel.

As requested above, the attachment to this letter provides the parameters for the FANP9 fuel. PPL has also confirmed that the parameters being provided in the attachment to this letter are identical to the parameters provided in the Enclosure to Reference 2.

Should you have any questions regarding this submittal, please contact  
Ms. Brenda W. O'Rourke, at (570) 542-1791.



R. A. Saccone

Attachment

cc: Mr. S. J. Collins, NRC Regional Administrator  
Mr. A. J. Blamey, NRC Sr. Resident Inspector  
Mr. R. Guzman, NRC Project Manager  
Mr. J. M. Sebrosky, NRC

**Parameters for the Framatome 9x9-2 (FANP9) Fuel Assemblies**

<b>Manufacturer</b>	<b>Array</b>	<b>Version</b>	<b>Active Fuel Length (in)</b>	<b>Number Fuel Rods per Assembly</b>	<b>Pitch (in)</b>	<b>Fuel Pellet OD (in)</b>	<b>Clad Thickness (in)</b>	<b>Clad OD (in)</b>	<b>Water Rod OD (in)</b>	<b>Water Rod ID (in)</b>
Framatome	9x9	FANP9	150	79 Full	0.572	0.3565	0.030	0.424	0.425	0.364