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## **Response to Request for Additional Information – ANP-10341P**

ANP-10341Q2NP  
Revision 0

The ORFEO-GAIA and ORFEO-NMGRID  
Critical Heat Flux Correlations

December 2017

AREVA Inc.

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**Nature of Changes**

Item	Section(s) or Page(s)	Description and Justification
1	All	Initial Issue

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## **Nomenclature**

<b>Acronym</b>	<b>Definition</b>
CHF	Critical Heat Flux

**1.0 RAI-SNPB-07****1.1 *Request***

Provide detailed justification for the claims made in Section 8 of the topical report concerning the geometric comparison between the production and tested grid spacers. Demonstrate that the minor geometric variations did not increase the performance of the test grid as compared to the production grid. In your response, provide figures which capture the local flow behavior of the grid spacers.

**1.2 *Response***

The response below supplements the response provided in Section 7.2 of [1].



**Table 1—1**  
**Summary of CHF test detections**



## **2.0 REFERENCES**

1. Response to Request for Additional Information – ANP-10341P, The ORFEO-GAIA and ORFEO-NMGRID Critical Heat Flux Correlations, ANP-10341Q1P, Revision 0, AREVA Inc., November 2017