

January 20, 2006

APPLICANT: Framatome, ANP
Constellation Energy

SUBJECT: SUMMARY OF NOVEMBER 2, 2005, MEETING WITH FRAMATOME, ANP
AND CONSTELLATION ENERGY REGARDING COMBINED LICENSE
APPLICATION PLANS

On November 2, 2005, a public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff, and representatives of Framatome, ANP (FANP) and Constellation Energy (Constellation). The purpose of this meeting was to discuss plans for a combined license (COL) application by FANP and Constellation through their joint venture, UniStar Nuclear (UniStar). A list of meeting attendees is included as Attachment 1. Attachment 2 contains handouts FANP provided at the meeting (ADAMS Accession Number ML053620207). A summary of the meeting is provided below.

NRC personnel opened the meeting by discussing how a prospective applicant can best ensure the timely and efficient review of an application. The staff noted the importance of being informed of an applicant's plans so that appropriate resources can be budgeted. The quality of an applicant's submittal is also important, influencing both the level of staff resources expended and time required for the review. Constellation and FANP representatives indicated that the staff's comments were in line with their internal discussions.

UniStar's presentation began with a discussion of that organization's business model. UniStar's objective is deployment of at least 4 identical EPR reactors, with Constellation serving as operator and licensee. It was stated that a single licensee ensures standardization throughout the facilities, including common procedures and programs. The only difference between the plants will be site-specific characteristics. FANP will be the designer, while Bechtel will be the primary constructor and architect engineer.

An announcement regarding the first site for a UniStar project is planned for early 2006. Constellation representatives indicated that the most likely sites are Calvert Cliffs, located on the western shore of the Chesapeake Bay in Maryland, or Nine Mile Point, on the coast of Lake Ontario in New York.

FANP plans to submit the EPR design certification application in late 2007. Constellation plans to apply for a COL referencing the EPR design in June 2008. This COL application will not reference an early site permit. An additional COL application is planned about 6 months later. UniStar expects that the high degree of standardization amongst its fleet should lead to a more efficient review after its first application.

This sequence of events will result in the EPR design certification and first COL reviews being conducted in parallel. UniStar outlined a proposed process where the design certification would be completed before the COL public hearing in order to limit the hearing scope to plant-specific topics. Public participation in the design review would be through the certification rulemaking. NRC staff noted some challenges associated with this plan. For example, the COL hearing

notice would be developed prior to completion of the certification rulemaking. It is not yet clear how the content of that notice would reflect the pending rulemaking and appropriately characterize the scope of the hearing.

UniStar's proposed schedule projects completion of the design certification in 34 months. This schedule is somewhat less than the staff's projection of a minimum of 42 months given in SECY-01-0188. UniStar believes that a shorter schedule is attainable, because the EPR is an evolutionary design which does not require extensive research and testing to demonstrate adequate safety performance. UniStar also expects to derive some benefit from EPR licensing activities in Finland and France via the Multinational Design Approval Program recently proposed by Chairman Diaz.

UniStar proposed a meeting in early 2006 to further discuss details of its licensing strategy, sequence of events, and schedules. UniStar wishes to reach an agreement with NRC in spring 2006 on the management of the parallel design certification and combined license reviews.

/RA J. Kim for:/

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Project No. 733

Attachments: As stated

cc w/attn: See next page

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Attendees

UniStar Combined License Pre-application Meeting

November 2, 2005

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Carey Fleming	Constellation
Mark Geckle	Constellation
Shawn Hughes	Constellation
Mark Hunter	Constellation
Joe Mihalcik	Constellation
Mike Milbradt	Constellation
Tom Roberts	Constellation
Joe Turnage	Constellation
Ronald Hagen	Department of Energy
Shinichi Hayafune	Energy USA, Inc.
Ray Ganthner	FANP
Ronnie Gardner	FANP
Joe Savage	FANP
Sandra Sloan	FANP
Thecla Fabian	Fuel Cycle Week
Jenny Weil	McGraw-Hill
Kathryn Sutton	Morgan Lewis
Steven Bloom	NRC
Jose Calvo	NRC
Joe Colaccino	NRC
James Danna	NRC
Laura Dudes	NRC
Wesley Held	NRC

<u>Name</u>	<u>Affiliation</u>
Jeffrey Jacobson	NRC
Thomas Kenyon	NRC
Kendra Klump	NRC
David Matthews	NRC
Bruce Musico	NRC
Eric Oesterle	NRC
Joe Williams	NRC
Jerry Wilson	NRC
Russ Bell	Nuclear Energy Institute
Russ Wells	Parallax
Charles Brinkman	Westinghouse
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