



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

August 27, 2009

LICENSEE: Carolina Power & Light Company

FACILITY: Brunswick Steam Electric Plant, Units 1 and 2

SUBJECT: SUMMARY OF AUGUST 19, 2009, MEETING WITH CAROLINA POWER & LIGHT COMPANY TO DISCUSS POTENTIAL LICENSE CHANGES TO IMPLEMENT MELLA PLUS AT BRUNSWICK, UNITS 1 AND 2.
(TAC NOS. ME1894 AND ME1895)

On August 19, 2009, the Nuclear Regulatory Commission (NRC) staff conducted a Category 1 public meeting with Carolina Power & Light Company (the licensee), now doing business as Progress Energy, at the NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss potential license changes and the licensee's overall plan to implement maximum extended load limit line analysis plus (MELLA Plus) at Brunswick Steam Electric Plant (BSEP), Units 1 and 2. This was not intended as a decision-making meeting. Enclosure 1 contains a list of attendees. The licensee's slide presentation may be accessed from the NRC's Agencywide Documents Access and Management System Accession No. ML092321080.

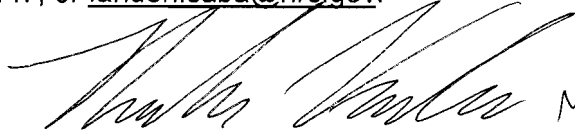
The licensee had originally requested a revision to the BSEP, Units 1 and 2 Technical Specifications by letter dated November 12, 2002, to support an expansion of the core flow operating range (i.e., MELLA Plus). Subsequently, the licensee withdrew its license amendment request (LAR) by letter dated August 25, 2005, and stated that it planned to resubmit at a later date. The licensee requested the subject meeting to discuss its intent to resubmit the MELLA Plus LAR.

The licensee presented a MELLA Plus overview, its licensing progress to date, and the licensee's progress toward the LAR. During the meeting, the licensee and the NRC staff focused on the fuel and plant licensing analysis strategy, thermal hydraulic stability solution, and anticipated transient without scram analysis and mitigations. The licensee also stated that the MELLA Plus LAR will be based on the ATRIUM-10XM (A10XM) fuel design, if timing and reviews support the MELLA Plus submittal. Further, the licensee presented its plans for submittal and implementation, if approved, of the fuel design and MELLA Plus LARs.

During the meeting, the NRC staff noted that the licensee plans to submit the A10XM LAR in spring 2010 and resubmit the MELLA Plus LAR in fall 2010, and that the NRC may still be reviewing the A10XM LAR by the time the MELLA Plus LAR is submitted. The NRC staff referred to the Office of Nuclear Reactor Regulation Office Instruction, LIC-109, "Acceptance Review Procedures," and advised the licensee that these LARs are considered as linked amendments and that per LIC-109 linked amendment requests will not pass acceptance.

Members of the public were in attendance and feedback forms were received; however, the forms did not include any comments or suggestions.

Please direct any inquiries to me at 301-415-1447, or farideh.saba@nrc.gov.


Farideh Saba, Senior Project Manager *for* Marlagna Vaaler
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos.: 50-325 and 324

Enclosure: List of Attendees

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List of Attendees
U. S. Nuclear Regulatory Commission
Public Meeting with Progress Energy
Regarding Brunswick, Units 1 and 2 Potential License Changes to Implement MELLA Plus
August 19, 2009

U. S. NUCLEAR REGULATORY COMMISSION

F. Saba
T. Naknishi
P. Yarsky
B. Parks
T. Huang
M. Panicker
S. Miranda

PROGRESS ENERGY

B. Murray
E. Geyer
J. Siphers

Public

S. Hammer
J. March-Leuba

Enclosure

Members of the public were in attendance and feedback forms were received; however, the forms did not include any comments or suggestions.

Please direct any inquiries to me at 301-415-1447, or farideh.saba@nrc.gov.

MVaaler for

Farideh Saba, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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ADAMS Accession Nos. Meeting Summary: ML092360023 Pkg: ML092360127
Meeting Notice: ML091950369
Slides: ML09232108 NRC-001

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| OFFICE | LPLII-2/PM | LPLII-2/LA | LPLII-2/BC |
| NAME | FSaba (MVaaler) | CSola | TBoyce |
| DATE | 8/27/09 | 8/25/09 | 8/27/09 |

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