

May 19, 2005

Mr. J. A. Stall
Senior Vice President, Nuclear and
Chief Nuclear Officer
Florida Power and Light Company
P.O. Box 14000
Juno Beach, Florida 33408-0420

SUBJECT: ST. LUCIE UNITS 1 AND 2 - REQUEST TO USE SUBSEQUENT EDITIONS
AND ADDENDA OF THE ASME CODE FOR INSERVICE TESTING OF
MANUAL AND PRIMARY CONTAINMENT VACUUM RELIEF VALVES
(TAC NOS. MC6299 AND MC6300)

Dear Mr. Stall:

By letter dated December 27, 2004, Florida Power & Light Company (FPL, licensee) requested U.S. Nuclear Regulatory Commission (NRC) approval to use a portion of a more recent edition and addenda of the American Society of Mechanical Engineers (ASME) Code for Operation and Maintenance of Nuclear Power Plants (OM Code) for St. Lucie Units 1 and 2, pursuant to Section 50.55a(f)(4)(iv) of Title 10 of the *Code of Federal Regulations* (10 CFR). Specifically, FPL requested approval to use paragraphs ISTC-3540, Manual Valves, and I-1380, Test Frequency for Class 2 and 3 Primary Containment Vacuum Relief Valves, of the 1998 Edition through 2000 Addenda of the ASME OM Code for all manual valves and primary containment vacuum relief valves subject to inservice testing requirements for the remainder of the third 120-month Inservice Testing (IST) program interval for St. Lucie Units 1 and 2. The applicable Code of Record for St. Lucie Units 1 and 2 is the 1989 Edition of the ASME Boiler and Pressure Vessel Code, Section XI, which references the 1988 addendum to the OM Part 10 standard.

The regulations in 10 CFR 50.55a(f)(4)(iv) state that inservice tests of pumps and valves may meet the requirements set forth in subsequent editions and addenda that are incorporated by reference in 10 CFR 50.55a(b), subject to the limitations and modifications listed in 10 CFR 50.55a(b), and subject to NRC approval. Portions of editions or addenda may be used provided that all related requirements of the respective editions or addenda are met. The 1998 Edition through 2000 Addenda of the ASME OM Code were incorporated by reference into 10 CFR 50.55a(b) on September 26, 2002 (67 FR 60542), and became effective on October 28, 2002, subject to certain limitations and modifications.

The final rule imposed a modification that requires an exercise interval of 2 years for manual valves within the scope of the ASME OM Code rather than the 5-year interval specified in the 1999 and 2000 addenda. In accordance with the modification imposed by 10 CFR 50.55a(b)(3)(vi), FPL is requesting approval to exercise manual valves on a 2-year interval instead of the 5-year interval specified by ISTC-3540 of the 2000 Addenda, provided that adverse conditions (as defined in Subsection ISTC) do not require more frequent testing.

The staff has reviewed the licensee's request and determined all related requirements were adequately addressed. Therefore, pursuant to 10 CFR 50.55a(f)(4)(iv), the staff concludes that the licensee's request to use paragraphs ISTC-3540, as modified by 10 CFR 50.55a(b)(3)(vi),

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and I-1380, of the 1998 Edition through 2000 Addenda of the ASME OM Code for all manual valves and primary containment vacuum relief valves subject to inservice testing requirements may be approved for the remainder of the third 120-month IST program interval at St. Lucie Units 1 and 2, which began on February 11, 1998, and is scheduled to end February 10, 2008.

If there are any questions regarding this matter, please contact me at (301) 415-3974 or by e-mail at btm3@nrc.gov.

Sincerely,

/RA/

Brendan T. Moroney, Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-335 and 50-389

cc: See next page

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