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 MCCARTHY,D.C. Carolina Power & Light Co.
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SUBJECT: Confirms completion of documentation review of safety related check valves supplied by vendors other than Anchor Darling,w/design & matl characteristics similar to Anchor Darling Model S350W check valves,per NRC Bulletin 89-002.

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 TITLE: Bulletin Response 89-02 re Cracking of High-Hardness Type 410 Boltings

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Carolina Power & Light Company

OCT 09 1992

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COMPLETION OF DOCUMENTATION REVIEW FOR NRC BULLETIN 89-02

Gentlemen:

The purpose of this letter is to inform the NRC of the completion of the documentation review of safety-related check valves supplied by vendors, other than Anchor Darling, with design and material characteristics similar to Anchor Darling's Model S350W check valves.

On July 19, 1989, the NRC Staff issued NRC Bulletin 89-02, which requests licensees to identify, disassemble, and inspect certain types of swing check valves which may contain Type 410 stainless steel (SS) bolting material of sufficiently high hardness to be susceptible to stress corrosion cracking or failure. Specifically, the Bulletin requests licensees to disassemble and inspect all safety-related Anchor Darling Model S350W swing check valves supplied with internal retaining block studs of ASTM Specification A193, Grade B6, Type 410 SS. The Bulletin also requests licensees to review the design of other safety-related check valves to determine if similar designs and material selection to the Anchor Darling Model S350W are used at their facilities and, if so, to perform similar inspections of such valves.

Carolina Power & Light Company (CP&L) responded to the specific actions specified by the Bulletin by letter, Serial No. NLS-90-007, dated January 17, 1990. In this letter, CP&L stated that all Anchor Darling check valves with Type 410 SS were refurbished with ASTM A564-630-11 (Type 17-4PH steel). As indicated in NRC Information Notice 88-85, "Broken Retaining Block Studs on Anchor Darling Check Valves," Type 17-4PH steel is the material recommended by Anchor Darling for replacement of bolts and studs in borated water service.

Carolina Power & Light Company further committed to perform a documentation review to identify similar design swing check valves at HBR2 with internal preloaded Type 410 SS bolting during Refueling Outage 13, which started in the fall of 1990. This documentation review has verified that there are no safety-related check valves supplied by other vendors with design and material characteristics similar to the Anchor Darling Model S350W. This action completes all CP&L requirements with respect to NRC Bulletin 89-02.

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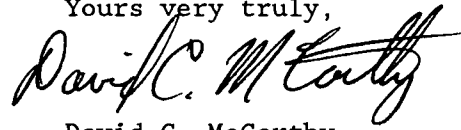
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(1782RNP)

Questions regarding this matter may be referred to Mr. R. W. Prunty at
(919) 546-7318.

Yours very truly,

A handwritten signature in dark ink, appearing to read "David C. McCarthy", with a stylized flourish at the end.

David C. McCarthy
Manager
Nuclear Licensing Section

RES/jbw

cc: Mr. S. D. Ebnetter
Mr. L. W. Garner
Ms. B. L. Mozafari