

August 4, 2000

MEMORANDUM TO: Marsha Gamberoni, Chief, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: Peter S. Tam, Senior Project Manager, Section 1 **/RA/**
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: JAMES A. FITZPATRICK NUCLEAR POWER PLANT –
ELECTRONIC TRANSMISSION, ISSUES TO BE DISCUSSED WITH
THE LICENSEE REGARDING A LETTER DATED JUNE 30, 2000
(TAC NO. MA8018)

By letter dated June 30, 2000, the licensee submitted information regarding suppression pool temperature calculation. While reviewing that letter, the staff developed a number of questions. These questions were transmitted to the licensee (by the attached e-mail). This memorandum and the attached e-mail do not currently state an NRC staff position and do not formally request information. The staff will discuss with licensee personnel in a telephone conference in the near future regarding disposition of the questions in the e-mail.

Docket No. 50-333

Attachment: As stated

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From: Peter Tam
To: INternet:faison.c@nypa.gov, INternet:george.tasic...
Date: Wed, Aug 2, 2000 10:20 AM
Subject: Request for Conference Call Re. Fitzpatrick

Charlene:

This is in reference to NYPA's letter of 6/30/00. Our reviewer, Walt Jensen, would like to discuss a calculation you made for suppression pool temperature. Specifically, JAF calculation # DE&S A384.F02-04 Rev 1 discusses suppression pool heating. On page 19 it states that the maximum suppression pool temperature could be 204F including a 37F allowance for bulk to local temperature differences. A separate calculation in response to NRC Generic Letter 96-04 states that the maximum suppression pool temperature can be as high as 213F. The higher temperature apparently accounts for an increase in allowable lake water temperature and a power upgrade.

The question is: Does the later suppression pool temperature calculation account for the bulk to local temperature difference? Let us discuss briefly the derivation of the 213F suppression temperature.

Please call me or Guy Vissing (depending on when you call) to schedule a conference call. Jensen prefers this call take place in the near future since he would be gone on a 2-week training class later. Thanks.

Peter

CC: Guy Vissing, Walton Jensen

Attachment