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To: "Raj Anand" <RKA@nrc.gov>
Date: 2/28/2008 9:26:11 AM
Subject: RAI 7 - The RAI Document is Ready for Review

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2/26/2008

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. Dockets 52-012 and 52-013
SRP Section: 02.03.02 - Local Meteorology
Application Section: 2.3S.2.4

QUESTIONS

02.03.02-1

Please describe the potential impacts of the main cooling reservoir (MCR) and the reactor service water (RSW) system mechanical draft cooling towers on plant design and operation. For example, please address the effects of local increases in ambient temperature, moisture content, and moisture and salt deposition on electrical transmission lines, electrical equipment (including transformers and switchyard), and heating ventilation & air conditioning (HVAC) intakes.

02.03.02-2

Please describe the assumptions and provide a copy of the input files used to execute the Seasonal/Annual Cooling Tower Impact (SACTI) computer code for estimating the impacts from fogging, icing, and drift deposition from the operation of the reactor service water (RWS) system mechanical draft cooling towers.