

July 19, 2001

MEMORANDUM TO: Christopher I. Grimes, Chief
License Renewal & Standardization Branch
Division of Regulatory Improvement Programs

FROM: Edmund J. Sullivan, Jr., Chief */ra/*
Component Integrity & Chemical Engineering
Materials and Chemical Engineering Branch
Division of Engineering

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION ON THE AUXILIARY
SYSTEMS OF THE SURRY AND NORTH ANNA NUCLEAR POWER
STATIONS IN SUPPORT OF LICENSE RENEWAL (TAC NOS.
MA9581, MA9582, MA9564, AND MA9565)

The Materials and Chemical Engineering Branch (EMCB) has completed its review of Sections 3.3.1 through 3.3.6 of the aging management of the auxiliary systems at the Surry and North Anna nuclear power stations in support of Virginia Electric and Power (Dominion) Company's license renewal application. The staff found that additional information is needed to complete the review. The staff's request for additional information (RAI) is attached.

Docket Nos.: 50-280
50-281
50-338
50-339

Attachment: As stated

CONTACT: C. Lauron, DE/EMCB
415-2736

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REQUEST FOR ADDITIONAL INFORMATION
AUXILIARY SYSTEMS SECTIONS 3.3.1 THROUGH 3.3.6
SURRY AND NORTH ANNA NUCLEAR POWER STATIONS

The EMCB staff has reviewed the “Application for Renewed Operating Licenses” for Surry and North Anna nuclear power stations and identified the following additional information needed to complete its review.

Section 3.3 - Auxiliary Systems

3.3-1

During its review of the summary of results of the AMR for the auxiliary systems, the staff identified that loss of material is listed as an applicable aging effect for stainless steel components exposed to air (water-laden or intermittent exposure to water). The staff requests the applicant provide the operating history to substantiate that this is an applicable aging effect requiring management.

3.3-2

During its review of the summary of results of the AMR for the auxiliary systems, the staff identified that loss of pre-load is listed as an applicable aging effect for bolting. This aging effect is managed by the ISI Program - Component and Component Support Inspections. The staff requests the applicant to provide a detailed discussion on how this existing aging management program will be used in the detection of loss of pre-load for bolting.