



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

September 6, 2017

Mr. Daniel G. Stoddard
President and Chief Nuclear Officer
Virginia Electric and Power Company
Innsbrook Technical Center
5000 Dominion Blvd.
Glenn Allen, VA 23060-6711

SUBJECT: SURRY POWER STATION, UNIT NOS. 1 AND 2, INADVERTENT OMISSION OF BASIS PAGE TS 3.14-4 FROM AMENDMENT NOS. 289 AND 289, REGARDING EXTENSION OF TECHNICAL SPECIFICATION 3.14, "SERVICE WATER FLOW PATH ALLOWED OUTAGE TIMES AND DELETION OF EXPIRED TEMPORARY SERVICE WATER JUMPER REQUIREMENTS" (CAC NOS. MF7746 AND MF7747)

By letter dated May 31, 2017 (Agencywide Document Access and Management System Accession No. ML17100A253), the U.S. Nuclear Regulatory Commission (NRC) issued Amendment No. 289 to Renewed Facility Operating License No. DPR-32 and Amendment No. 289 to Renewed Facility Operating License No. DPR-37 for the Surry Power Station (Surry), Unit Nos. 1 and 2, respectively. The amendments changed the Technical Specifications (TSs) in response to your application dated May 18, 2016, as supplemented by letters dated February 10 and March 1, 2017; and March 10, 2017.

These amendments revised Surry, Unit Nos. 1 and 2, TS 3.14, "Circulating and Service Water Systems," to extend the Allowed Outage Time (AOT) from 24 to 72 hours for only one operable service water (SW) flow path to the Charging Pump Service Water (CPSW) subsystem and to the Main Control Room/Emergency Switchgear Room (MCR/ESGR) air conditioning (AC) subsystem. The changes also deleted the Operating License conditions, TS requirements, and TS 3.14 Basis discussion for the temporary SW jumper to the Component Cooling Heat Exchangers.

An administrative error on the part of the NRC occurred in the issuance of Amendments 289. TS Basis 3.14-4 page was omitted inadvertently from the safety evaluation package. The enclosed TS Basis 3.14-4 page will be added, and TS Basis page 3.14-4a will be deleted from the NRC authority file. The NRC does not approve changes to the TS Basis and the incorporation of these changes does not change the NRC approval as noticed previously in the *Federal Register*.

D. Stoddard

- 2 -

If you have any questions please contact Karen Cotton Gross at Karen.Cotton@nrc.gov or 301-415-1438.

Sincerely,

A handwritten signature in black ink that reads "Karen Cotton Gross". The signature is written in a cursive style with a large initial 'K' and 'G'.

Karen Cotton Gross, Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-280 and 50-281

Enclosure:
Replacement Page

including replacement of an Emergency Service Water pump without forcing dual unit outages, yet limits the amount of operating time without the specified number of pumps.

When one Unit is in Cold Shutdown and the heat load from the shutdown unit and spent fuel pool drops to less than 25 million BTU/HR, then one Emergency Service Water pump may be removed from service for the subsequent time that the unit remains in Cold Shutdown due to the reduced residual heat removal and hence component cooling requirements.

A minimum level of +17.2 feet in the High Level Intake canal is required to provide design flow of Service Water through the Recirculation Spray heat exchangers during a loss-of-coolant accident for the first 24 hours. If the water level falls below +23' 6", signals are generated to trip both unit's turbines and to close the nonessential Circulating and Service Water valves. A High Level Intake canal level of +23' 6" ensures actuation prior to canal level falling to elevation +23'. The Circulating Water and Service Water isolation valves which are required to close to conserve Intake Canal inventory are periodically verified to limit total leakage flow out of the Intake Canal. In addition, passive vacuum breakers are installed on the Circulating Water pump discharge lines to assure that a reverse siphon is not continued for canal levels less than +23 feet when Circulating Water pumps are de-energized. The remaining six feet of canal level is provided coincident with ESW pump operation as the required source of Service Water for heat loads following the Design Basis Accident.

References:

UFSAR Section 9.9	Service Water System
UFSAR Section 10.3.4	Circulating Water System
UFSAR Section 14.5	Loss-of-Coolant Accidents, Including the Design Basis Accident

SUBJECT: SURRY POWER STATION, UNIT NOS. 1 AND 2, MODIFICATION TO AMENDMENT NOS. 289 AND 289, REGARDING EXTENSION OF TECHNICAL SPECIFICATION 3.14, "SERVICE WATER FLOW PATH ALLOWED OUTAGE TIMES AND DELETION OF EXPIRED TEMPORARY SERVICE WATER JUMPER REQUIREMENTS" (CAC NOS. MF7746 AND MF7747) DATED SEPTEMBER 6, 2017

DISTRIBUTION:

PUBLIC
LPL2-1 R/F
RidsNrrDssSbpb Resource
RidsNrrDssStsb Resource
RidsNrrDraApla Resource
RidsNrrPMSurry Resource
RidsAcrs_MailCTR Resource
RidsNrrLAKGoldstein Resource

RidsNrrDirsltsb Resource
RidsRgn2MailCenter Resource
RidsNrrDorlDpr Resource
RidsNrrDorlLpl2-1 Resource
MHamm, DSS
GPurciarello, DSS
ADriver, DRA

ADAMS Accession No. ML17223A069

OFFICE	NRR/DORL/LPLII-1/PM	NRR/DORL/LPLII-1/LA	NRR/DORL/LPLII-1/PM	NRR/DORL/LPLII-1/BC
NAME	KCotton	KGoldstein	KCotton	MMarkley
DATE	08/28/17	08/17/17 & 08/23/17	08/28/17	09/06/17

OFFICIAL RECORD COPY