

EDO Principal Correspondence Control

FROM: DUE: / /

EDO CONTROL: G20100732  
DOC DT: 12/09/10  
FINAL REPLY:

Edward Halpin  
STP Nuclear Operating Company

TO:

Chairman Jaczko

FOR SIGNATURE OF :

\*\* GRN \*\*

CRC NO: 10-0525

DESC:

South Texas Project Unit 1 and 2 Regarding GSI-191  
Status (EDATS: SECY-2010-0591)

ROUTING:

Borchardt  
Weber  
Virgilio  
Ash  
Muessle  
OGC/GC  
Collins, RIV  
Kotzalas, OEDO

DATE: 12/13/10

ASSIGNED TO:

CONTACT:

NRR

Leeds

SPECIAL INSTRUCTIONS OR REMARKS:

For Appropriate Action.

Template: SECY-017

EDATS: SECY-01

# EDATS

Electronic Document and Action Tracking System

**EDATS Number:** SECY-2010-0591

**Source:** SECY

## General Information

**Assigned To:** NRR

**OEDO Due Date:** NONE

**Other Assignees:**

**SECY Due Date:** NONE

**Subject:** South Texas Project Units 1 and 2 Regarding GSI-191 Status

**Description:**

**CC Routing:** RegionIV

**ADAMS Accession Numbers - Incoming:** NONE

**Response/Package:** NONE

## Other Information

**Cross Reference Number:** G20100732

**Staff Initiated:** NO

**Related Task:**

**Recurring Item:** NO

**File Routing:** EDATS

**Agency Lesson Learned:** NO

**OEDO Monthly Report Item:** NO

## Process Information

**Action Type:** Appropriate Action

**Priority:** Medium

**Signature Level:** No Signature Required

**Sensitivity:** None

**Approval Level:** No Approval Required

**Urgency:** NO

**OEDO Concurrence:** NO

**OCM Concurrence:** NO

**OCA Concurrence:** NO

**Special Instructions:** For Appropriate Action.

## Document Information

**Originator Name:** Edward Halpin

**Date of Incoming:** 12/9/2010

**Originating Organization:** STP Nuclear Operating Company

**Document Received by SECY Date:** 12/13/2010

**Addressee:** Chairman Jaczko

**Date Response Requested by Originator:** NONE

**Incoming Task Received:** Letter





South Texas Project Electric Generating Station P.O. Box 289 Wadsworth, Texas 77483

December 9, 2010  
NOC-AE-10002625  
File No.: G25  
STI: 32796731

The Honorable Gregory B. Jaczko  
Chairman, Nuclear Regulatory Commission  
U.S. Nuclear Regulatory Commission  
Mail Stop O-16G4  
Washington, DC  
20555-0001

South Texas Project  
Units 1 and 2  
Letter to NRC Commissioners Regarding GSI-191 Status

Dear Chairman Jaczko,

The purpose of this letter is to inform the Commission that STP Nuclear Operating Company (STPNOC) intends to pursue a risk informed approach to close GSI-191 for STP Units 1 and 2. The intent of STPNOC's risk informed approach will be to develop comprehensive and robust probabilistic models of phenomena related to pipe breaks, including the associated uncertainties. STPNOC plans to use this approach to aid in closing GSI-191 for STP; however, STPNOC also proposes this effort as a pilot for an approach that is transferrable to other licensees. STPNOC will use existing risk informed regulatory processes to pursue approval of this risk informed approach.

STPNOC has drafted a project plan to develop, implement, and achieve regulatory approval of this risk informed approach. A team of experts from industry and academia is being assembled with a project start date in the first quarter of 2011.

We intend to communicate the details of this risk informed approach with the NRC Staff in early 2011 and then continue to communicate project results and status throughout 2011. The project plan includes a milestone to discuss the initial results with the NRC Staff near the end of 2011. Following these discussions with the NRC, the scope and milestones for 2012 and 2013 will be finalized. A key success factor of this pilot project is the involvement of NRC Staff knowledgeable in risk applications and the associated technical areas

We look forward to working with the staff with support of the Commission.

A handwritten signature in black ink, appearing to read 'Edward Halpin', with a long horizontal line extending to the right.

Edward Halpin  
President & CEO  
STPNOC

cc: (paper copy)

The Honorable George Apostolakis,  
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