

2007

**From:** Eric Duncan *ed*  
**To:** Anne Boland; Bill Bateman; Bruce Boger; Weil, Charles; Cynthia Pederson; David Hills; Deborah Jackson; Eric Duncan; Gary Shear; Geoffrey Grant; Gregory Cwalina; James Caldwell; James Davis; James Heller; James Wiggins; Jared Heck; Jay Collins; Jim Dyer; John Grobe; John Jandovitz; John Rutkowski; John Tsao; Joseph Petrosino; Mark Satorius; Matthew Mitchell; Melvin Holmberg; Michael Weber; Michele Evans; Patrick Hiland; Richard Smith; Russell Gibbs; Scott Langan; Steven West; Terence Chan; Thomas Wengert; Tom Bilik ; Victor Hall; William Cullen  
**Date:** Mon, Mar 19, 2007 6:28 PM  
**Subject:** Update to Davis-Besse NEIL Issue

To all,

A call was held with Davis-Besse to discuss their recent decision to make the Exponent Report that we have been referencing in our NEIL discussions publicly available. FENOC also desires a followup conference call as early as this Thursday to discuss the report with us.

Please find attached an updated summary of the issue.

Hopefully, this will help to keep us all aligned. I will provide the conference call information when details are finalized.

(b)(5)

[Redacted block]

*Ex 5*

We are planning on NRR's participation during this ARB.

Eric Duncan  
Davis-Besse Branch Chief

*B-7*

Official Use Only - Pre-Decisional Information

NEIL Issue Briefing Sheet

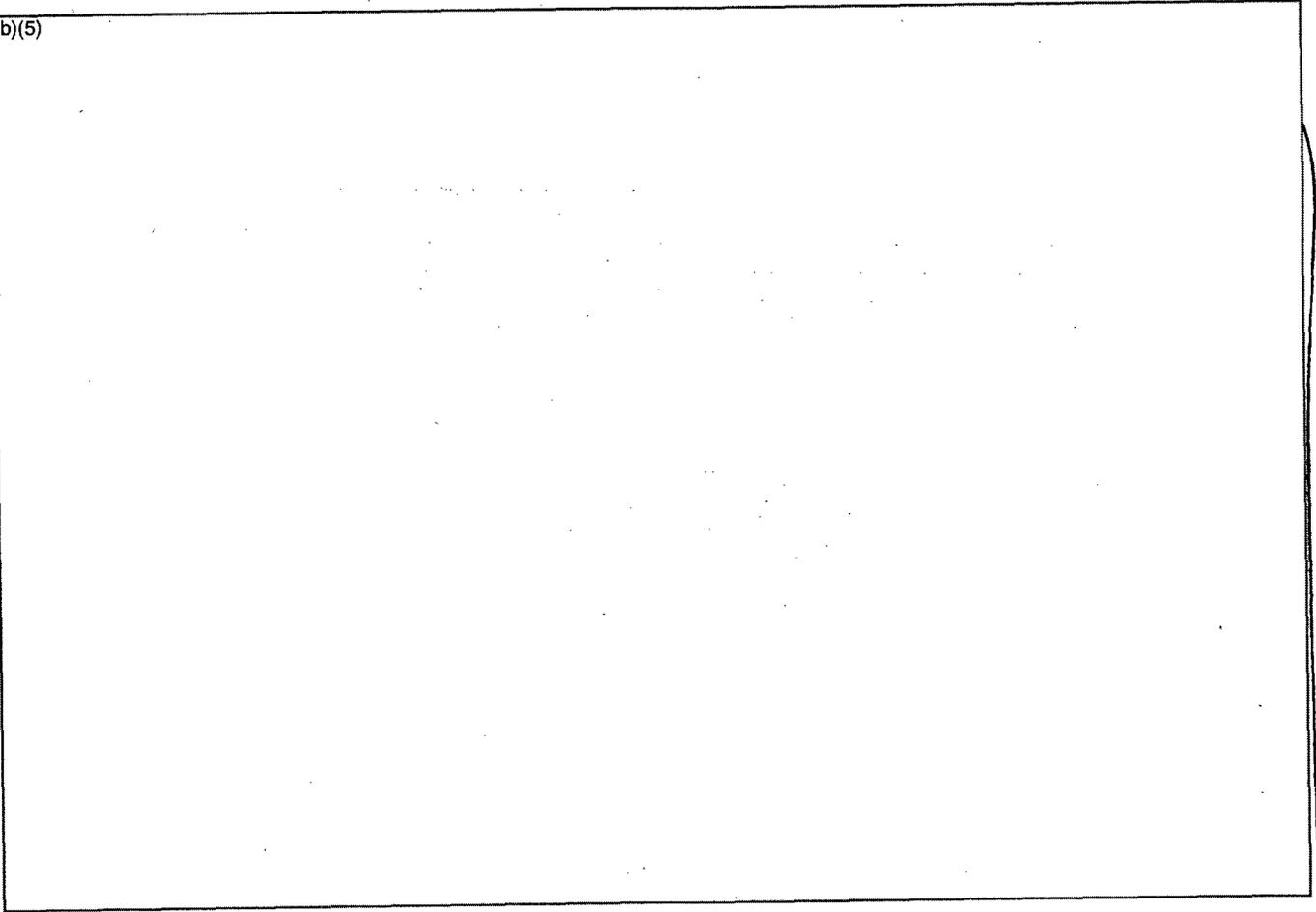
Summary of NEIL Potential Safety Concern at Davis-Besse

Nuclear Electric Insurance Limited (NEIL) identified a potential safety concern to Davis-Besse arising from a pending claim. The concern is that because a report prepared by the Exponent Failure Analysis Association and Altran Solutions Corporation (Exponent) indicates that susceptible materials can have crack growth rates that are significantly higher than previously assumed, that the NRC's requirements and licensee programs may be inadequate.

Sequence of Events

- December 15, 2006: FENOC submits to NEIL a report prepared by Exponent associated with the review and analysis of the Davis-Besse head wastage event.
- February 23, 2007: NEIL issues letter to FENOC identifying potential safety concern.
- February 23, 2007: Davis-Besse generates CR 07-15077 to enter issue into corrective action program. Resident inspectors subsequently forward CR to Region III.
- March 9, 2007: Region III convenes conference call to discuss information in NEIL letter; determines that based on the information presented that no new safety issue exists; concludes that an Emergency ARB is not warranted.

(b)(5)



WFS

(b)(5)

6/15

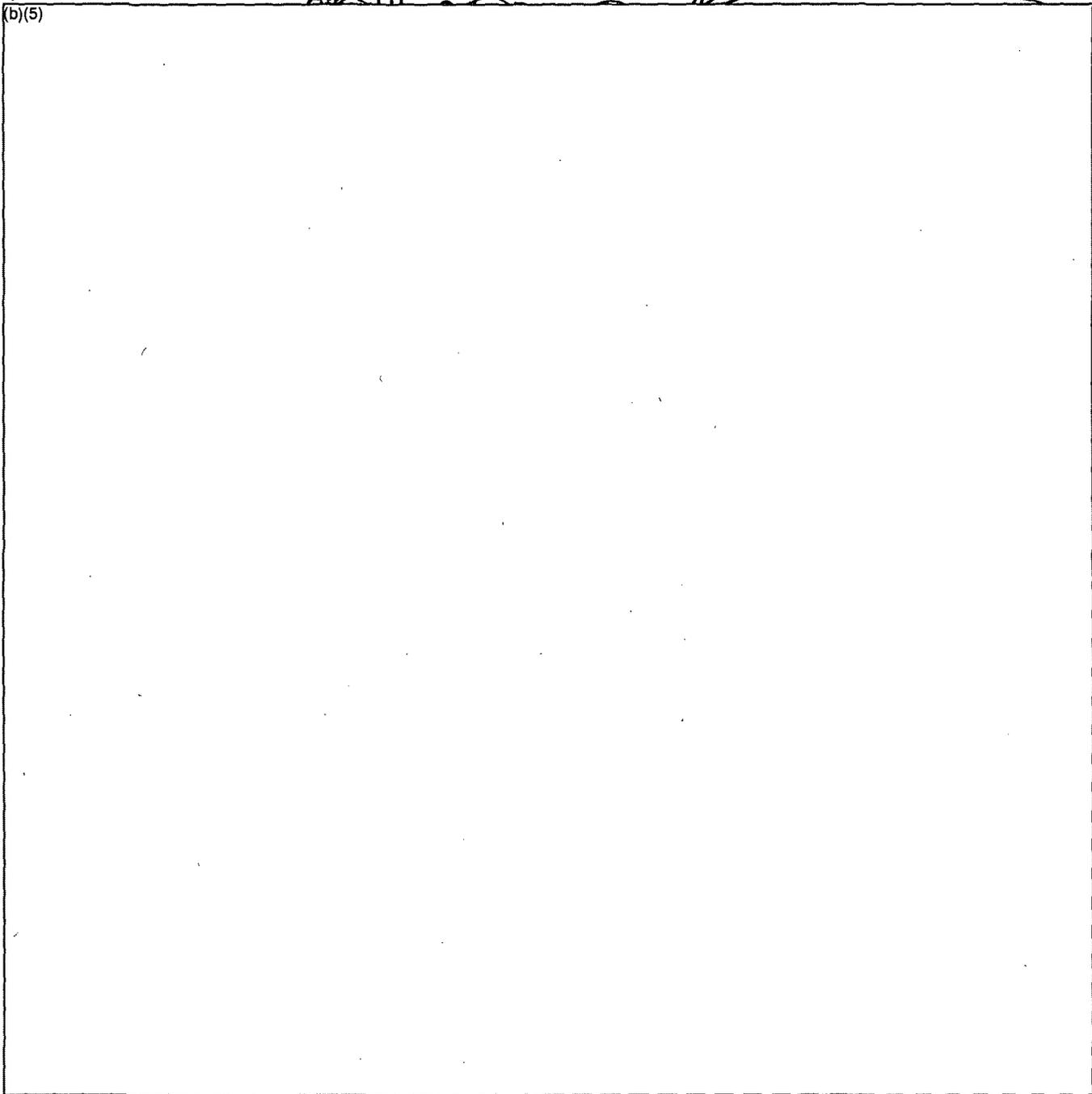
**Official Use Only - Pre-Decisional Information**

(b)(5)

NS

~~Official Use Only - Pre-Decisional Information~~

(b)(5)



2/5

**Mail Envelope Properties** (45FF0E68.A7A : 4 : 3672)

**Subject:** Update to Davis-Besse NEIL Issue  
**Creation Date** Mon, Mar 19, 2007 6:27 PM  
**From:** Eric Duncan  
**Created By:** ERD@nrc.gov

**Recipients**

nrc.gov

ATB (Anne Boland)  
CDP1 (Cynthia Pederson)  
CHW1 (Charles Weil)  
DEH (David Hills)  
ERD (Eric Duncan)  
GEG (Geoffrey Grant)  
GLS (Gary Shear)  
JER7 (John Rutkowski)  
JKH (James Heller)  
JLC1 (James Caldwell)  
JSJ1 (John Jandovitz)  
KSW (Steven West)  
MAS (Mark Satorius)  
MSH (Melvin Holmberg)  
RLS4 (Richard Smith)  
SJL1 (Scott Langan)  
TXB (Tom Bilik )

nrc.gov

BAB2 (Bruce Boger)  
WHB (Bill Bateman)

nrc.gov

JAG (John Grobe)  
MGE (Michele Evans)  
RAG1 (Russell Gibbs)

nrc.gov

GCC (Gregory Cwalina)  
JAD (James Davis)  
JED2 (Jim Dyer)  
JXC (Jay Collins)  
TLC (Terence Chan)  
WHC (William Cullen)

nrc.gov

DAJ1 (Deborah Jackson)  
JKH3 (Jared Heck)  
PLH (Patrick Hiland)  
VXH (Victor Hall)

nrc.gov

MAM4 (Matthew Mitchell)

nrc.gov

JCT (John Tsao)

nrc.gov

JJP1 (Joseph Petrosino)

nrc.gov

JTW1 (James Wiggins)  
MFW (Michael Weber)  
TJW2 (Thomas Wengert)

**Post Office**

**Route**

nrc.gov  
nrc.gov  
nrc.gov  
nrc.gov  
nrc.gov  
nrc.gov  
nrc.gov  
nrc.gov  
nrc.gov

**Files**

**Size**

**Date & Time**

MESSAGE 1782  
DavisBesseNEILPotentialSafetyConcern.wpd  
2007 5:18 PM

Monday, March 19, 2007 6:27 PM  
32387 Monday, March 19,

**Options**

Expiration Date: None  
Priority: Standard  
ReplyRequested: No  
Return Notification: None

Concealed Subject: No  
Security: Standard

---

**Junk Mail Handling Evaluation Results**

Message is not eligible for Junk Mail handling

Message is from an internal sender

**Junk Mail settings when this message was delivered**

Junk Mail handling disabled by User

Junk Mail handling disabled by Administrator

Junk List is not enabled

Junk Mail using personal address books is not enabled

Block List is not enabled