

**From:** Terry Beltz  
**Sent:** Wednesday, March 11, 2009 1:43 PM  
**To:** Karen Zeleznock  
**Subject:** FW: FW: DC Cook Audit  
**Attachments:** SBLOCA 2-18-09 NRC mtg plots.pdf

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**From:** kasteinmetz@aep.com [mailto:kasteinmetz@aep.com]  
**Sent:** Wednesday, February 25, 2009 3:49 PM  
**To:** Terry Beltz  
**Cc:** dilullam@westinghouse.com; hartzjj@westinghouse.com; mkscarpello@aep.com; gjhill@aep.com  
**Subject:** Re: FW: DC Cook Audit

Terry,

Attached are the plots provided during the audit. PCT wasn't quantified for the undocumented 3.25 in modified case.

Keith

**Terry Beltz** <[Terry.Beltz@nrc.gov](mailto:Terry.Beltz@nrc.gov)>

02/25/2009 10:51 AM

To "[mkscarpello@aep.com](mailto:mkscarpello@aep.com)" <[mkscarpello@aep.com](mailto:mkscarpello@aep.com)>  
cc "[kasteinmetz@aep.com](mailto:kasteinmetz@aep.com)" <[kasteinmetz@aep.com](mailto:kasteinmetz@aep.com)>, "[hartzjj@westinghouse.com](mailto:hartzjj@westinghouse.com)" <[hartzjj@westinghouse.com](mailto:hartzjj@westinghouse.com)>  
Subject FW: DC Cook Audit

Michael

- FYI -

Hopefully, Josh either made an additional copy of the printout or can easily reproduce the information.

Please let me know if there is going to be difficulty getting this information to Len.

Thanks,  
Terry A. Beltz, Senior Project Manager  
Plant Licensing Branch III-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation  
(301) 415-3049  
[Terry.Beltz@nrc.gov](mailto:Terry.Beltz@nrc.gov)

**From:** Leonard Ward  
**Sent:** Wednesday, February 25, 2009 10:42 AM  
**To:** Hartz, J.  
**Cc:** Terry Beltz; Anthony Mendiola  
**Subject:** DC Cook audit

Hi Josh:

Cannot find the mixture level plot you gave me at the audit meeting for the 3.25 inch break with the modified drift-flux model in the SGs and LSs similar to the 2.5 inch break with this mod in your RAI responses. Could you me send the mixture plot for the 3.25 inch case. what was the PCT for this undocumented 3.25 in modified case? Thanks again for your assistance; it was a beneficial meeting.  
Len

Dr. Leonard W. Ward, Ph.D.  
US Nuclear Regulatory Commission  
NRR/DSS/SNPB  
MS O10-B3  
Washington, DC 20555-0001  
Work (301) 415-2866  
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### E-mail Properties

Mail Envelope Properties (BB882299B277DB4C9C9A613B507A6F60078BEB31E3)

Subject: FW: FW: DC Cook Audit  
Sent Date: 3/11/2009 1:43:06 PM  
Received Date: 3/11/2009 1:43:06 PM  
From: Terry Beltz

Created By: Terry.Beltz@nrc.gov

Recipients:  
Karen.Zeleznock@nrc.gov (Karen Zeleznock)  
Tracking Status: None

Post Office:  
HQCLSTR01.nrc.gov

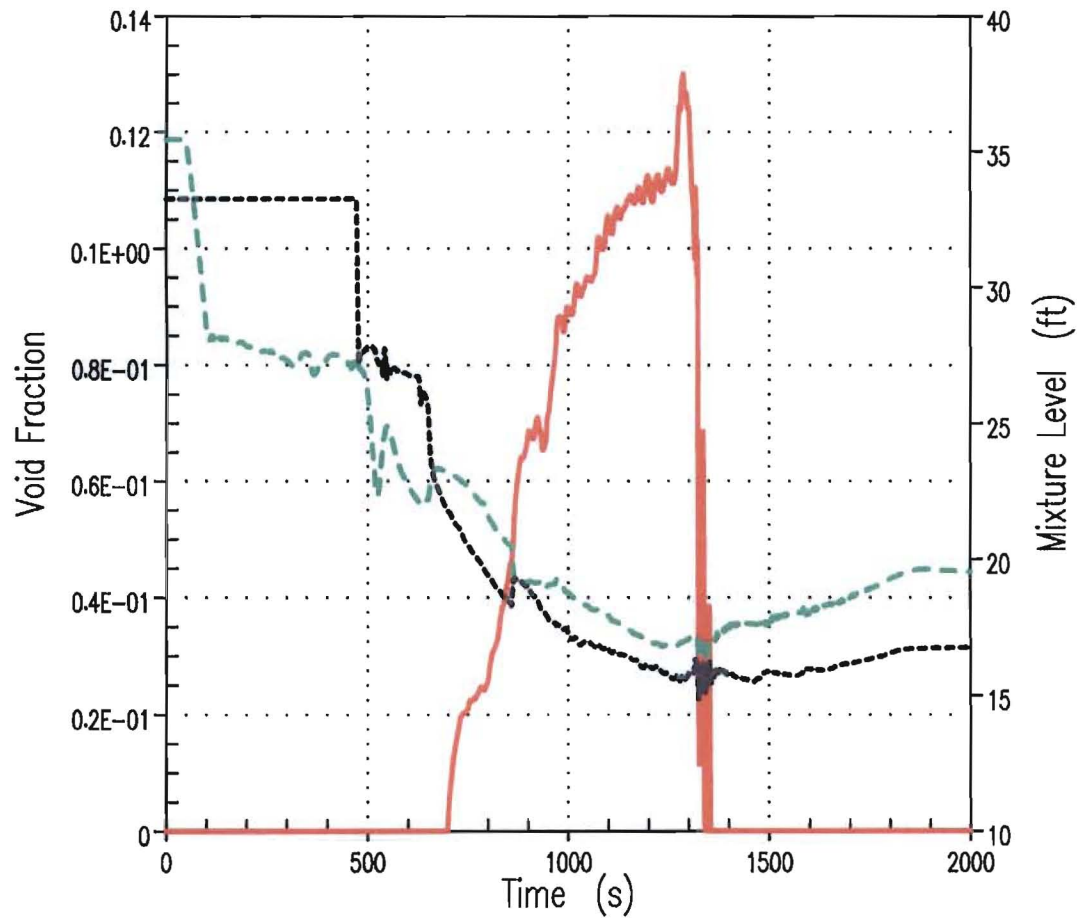
Files	Size	Date & Time
MESSAGE	451349	3/11/2009
SBLOCA 2-18-09 NRC mtg plots.pdf	436526	

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AEP 3.25inch (3304 MWt, HHSI crossties closed, RHR crossties open)

Void Fraction	VFMFN	2	0	0	LOWER PLENUM
Mixture Level (ft)	EMIXSFN	7	0	0	CORE
	EMIXSFN	1	0	0	DOWNCOMER



AEP 3.25inch (3304 MWt, HHSI crossties closed, RHR crossties open)

—	EMIXSFN	7	0	0	CORE
- - -	EMIXSFN	7	0	0	CORE

