

RAS 8305

DOCKETED  
USNRC

From: Wolfgang Wiesenack <wowi@mail.hrp.no>  
To: <Miroslav.HREHOR@oecd.org>, <ROM@nrc.gov>  
Date: Mon, Jun 14, 2004 8:03AM  
Subject: Re: Statement in one of our SEGFSM Reports

August 9, 2004 (11:45AM)

OFFICE OF SECRETARY  
RULEMAKINGS AND  
ADJUDICATIONS STAFF

Ralph,

I agree that your formulation is more precise and unambiguous. The original addition "thus restraining the rate of clad ballooning" may be seen as stating something experimentally verified or as an inference (the latter was intended). But I also wonder what the difference would be between a 400cm and a 40cm rod.

Miroslav: I suggest to change the document accordingly.

Wolfgang

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> Date: Wed, 09 Jun 2004 16:09:55 -0400  
 > From: "Ralph Meyer" <ROM@nrc.gov>  
 > To: <wolfgang.wiesenack@hrp.no>, <Miroslav.HREHOR@oecd.org>  
 > Cc: "Harold Scott" <HHS.twf5\_po.TWFN\_DO@nrc.gov>  
 > Subject: Statement in one of our SEGFSM Reports  
 >  
 > Wolfgang, Miroslav,  
 >  
 > On p. 79 of "Ongoing and Planned Fuel Safety Research in NEA Member States" it says:  
 >  
 > "Halden have carried out axial gas flow studies in fuel rods over a range of burn-up and test have shown a severe restriction in volume flow at high burn-up thus restraining the rate of clad ballooning."  
 >  
 > I think the last part of this statement is not correct. I know that Halden has carried out axial gas flow studies that show severe restriction in flow at high burnup, but I don't think any of these were tests with LOCA clad ballooning. Shouldn't the statement say "... thus suggesting that the rate of clad ballooning might be restrained."?  
 >  
 > This statement has been quoted by Lyman in the MOX hearing that is underway here.  
 >  
 > Ralph  
 >  
 > P.S. I will be away from the office until Tuesday, June 15  
 >  
 >

CC: <wolfgang.wiesenack@hrp.no>

NUCLEAR REGULATORY COMMISSION

Docket No. 50-413/414-OLA Official Exh. No. 43

In the matter of Duke Catawba

Staff  IDENTIFIED 7/14/04

Applicant \_\_\_\_\_ RECEIVED 7/14/04

Intervenor \_\_\_\_\_ REJECTED \_\_\_\_\_

Cont'g Off'r \_\_\_\_\_

Contractor \_\_\_\_\_ DATE \_\_\_\_\_

Other \_\_\_\_\_ Witness \_\_\_\_\_

Reporter Ruben Ball

NRC Staff Exhibit A

Template = SECY-027

SECY-02