CHAIRMAN Resource

From: Donna Gilmore <dgilmore@cox.net>
Sent: Tuesday, September 23, 2014 4:04 PM
To: Lombard, Mark
Cc: Csontos, Aladar; Dunn, Darrell; Hsia, Anthony; Conley, Maureen; Woollen, Mary; CHAIRMAN Resource
Subject: RE: SCC

What is the seismic rating for cracked canisters for the Areva NUHOMS 32PTH2 DSC, the NUHOMS 24PTH2, the NUHOMS 24PT1, and the Holtec HI-STORM FW MPC and where do I find this information?

Donna Gilmore
SanOnofreSafety.org
949-204-7794

-------- Original message --------
From: "Lombard, Mark"
Date:09/19/2014 3:39 PM (GMT-08:00)
To: Donna Gilmore
Cc: "Csontos, Aladar" , "Dunn, Darrell" , "Hsia, Anthony" , "Conley, Maureen"
Subject: RE: SCC

Donna,

The goal of the aging management inspections is to catch actual degradation at the earliest possible point, i.e., not allow cracks to get to 75% through-wall.

Mark

From: Donna Gilmore [mailto:dgilmore@cox.net]
Sent: Friday, September 19, 2014 11:15 AM
To: Lombard, Mark
Cc: Csontos, Aladar; Dunn, Darrell; Hsia, Anthony; Conley, Maureen
Subject: RE: SCC

If you're going to allow up to a 75% crack, as suggested in your July presentation, shouldn't you have a license requirement for the vendor to prove that their product can meet that NRC standard? Or if not, to prove how

much of a crack, if any, can meet their claimed seismic rating? Do current dry cask system licenses address canister integrity issues such as this in their seismic evaluations?

Thanks,

Donna

-------- Original message --------

From: "Lombard, Mark"

Date:09/19/2014 7:24 AM (GMT-08:00)

To: Donna Gilmore

Cc: "Csontos, Aladar" , "Dunn, Darrell" , "Hsia, Anthony" , "Conley, Maureen"

Subject: RE: SCC

Donna,

It is the responsibility of the user of the dry cask storage system to conduct an analysis to evaluate any observed degradation of materials. This analysis will determine whether the dry cask storage system can continue to perform its important to safety functions, including any seismic requirements that apply to that system. If the system can't continue to perform its important to safety functions or if the degradation indicates it may not, or will not, be able to perform its important to safety functions in the future, the user will have to determine the appropriate mitigative action. This action could include repair or taking the system out of service.

Mark

From: Donna Gilmore [mailto:dgilmore@cox.net]
Sent: Thursday, September 18, 2014 2:12 PM
To: Lombard, Mark; Dunn, Darrell; Csontos, Aladar
Subject: SCC

Regarding stress corrosion cracking and the NRC's aging management proposal to take a canister out of service if it reaches a 75% through-wall crack,
how does this correlate with a canister's seismic rating? If a canister has a less than 75% through-wall crack, what is the seismic rating for this canister? Is a cracked canister evaluated for seismic issues? My understanding is a flawed container would be excluded from seismic evaluation.

Thanks,

Donna Gilmore
SanOnofreSafety.org