

From: Tanya Eaton, *NE*
To: George Hubbard, *NE*
Date: Mon, Mar 27, 2000 9:58 AM
Subject: Re: Fwd: UCS comments on draft final Decomm Risk Assessment

George,

I checked with Ed to see if he had any insights into work which addresses resin fires. See attached. It doesn't look like there is too much work in this area, but Ed offered some insight. Also, prior to the re-write of the draft technical report which Diane was preparing, she wrote an entire section on worker safety issues and the Browns Ferry Event. If you want to review that section, I still have it somewhere. I can find it and you can see if any is applicable to addressing public concerns on worker safety.

Tanya

CC: Diane Jackson

L/146

From: Edward Connell
To: Tanya Eaton
Date: Mon, Mar 27, 2000 9:49 AM
Subject: Re: Fwd: UCS comments on draft final Decomm Risk Assessment

Tanya - There is not much that I am aware of and I don't know how much info you need: NFPA 803 mentions spent ion exchange filters, NFPA 801 addresses the storage of radioactive materials, both address life safety, NUREG/CR-2658, "Charateristics of Combustion Products: A Review of the Literature," by Chan & Mishima of PNL in 1983, addressed ion exchange resins. I would check w/ the DOE folks like Steve Nowlen @ Sandia, Karl Bohlander @ PNNL and Dennis Kubicki @ DOE-HQ if you need more help/info. I can't remember a fire involving spent resins at an operating NPP. All the plants I have been involved with store the resins wet which eliminates the potential fire problem until they are shipped offsite for disposal. I would think that after the plant is permanently shutdown they would get those things off-site ASAP, but you could check w/ the decommissioning folks to see if that is the practice.

Edward A. Connell PE, CSP
Sr. Fire Protection Engineer
U.S. Nuclear Regulatory Commission
MS O-11A11
Washington, DC 20555

Phone (301) 415-2838
Fax (301) 415-2300
e-mail: eac@nrc.gov