

Stephen Monarque

From: Stephen Monarque
Sent: Monday, April 28, 2008 11:28 AM
To: C. Keith Paulson; Algama Don (Mitsubishi_Nuclear_Energy_Systems.Inc. (MNES) Nuclear_Services) DCD Licensing Engineer; masanori_onozuka@mnes-us.com
Cc: Jeff Ciocco
Subject: USAPWR RAI 8.3.2

to all:

The NRC staff will be sending you this RAI within the next day or two. Please review to see if you need a conference call or you can answer within 30 days.

Section 8.3.2 of the FSAR states that battery rooms are going to be ventilated to the outside to preclude hydrogen concentration of more than 2%. This is inconsistent with Regulatory Guide 1.128, "Installation Design and Installation of Vented Lead-Acid Storage Batteries for Nuclear Power Plants", Section C, Part 6, which states that "The ventilation system shall limit hydrogen accumulation to one percent of the total volume of the battery area." Provide your justification for using 2% maximum hydrogen concentration instead of the 1% maximum hydrogen concentration as recommended in Regulatory Guide 1.128.

Stephen Monarque
U. S. Nuclear Regulatory Commission
NRO/DNRL/NMIP
301-415-1544