Chou, Rich

From: Chou, Rich
Sent: Wednesday, October 07, 2009 5:54 PM
To: Sykes, Marvin
Cc: Chou, Rich
Subject: RE: CR3 containment

Marvin:

These vertical channels welded to the liner plate and served two purposes - to be a stffeners to reinforce the stiffen of the liner plate and to prevent the separation or gap between the concrete and liner plate due to two different types of the materials. The channels have U-shape to store the concrete to prevent the separation from the concrete.

From: Sykes, Marvin
Sent: Wednesday, October 07, 2009 5:35 PM
To: Chou, Rich
Subject: RE: CR3 containment

Rich,

What are those vertical channels on the liner called and do they serve a purpose?

From: Chou, Rich
Sent: Wednesday, October 07, 2009 5:34 PM
To: Reyes, Rogerio; Sykes, Marvin
Cc: Alen, Alejandro
Subject: RE: CR3 containment

Roger:
Thanks.

From: Reyes, Rogerio
Sent: Wednesday, October 07, 2009 4:32 PM
To: Sykes, Marvin
Cc: Chou, Rich; Alen, Alejandro
Subject: CR3 containment

Marvin, the containment concrete hydro demolition is complete. All concrete has been removed up to the liner plate (3/8" thick plate). The area just outside the plate (demolition platform) has been posted as a radiation area, as the reactor head is resting near that area inside containment. Rich, Alejandro and I took a look this afternoon at the liner plate and got a better view of the containment cracks. Attached are some pictures. Note the following nominal dimensions:
1) Distance from outside containment to rebar is approx 2-3"
2) Distance from outside containment to centerline of horizontal tendon sleeve is approx 9"
3) Distance from outside containment to centerline of vertical tendon sleeve is approx 14"
4) Distance from outside containment to plate is approx 42"

Also, the horizontal cut into containment starts at 64' from the ground.

Rogerio

A-11

J. Rogerio Reyes, P.E.
U.S. Nuclear Regulatory Commission
Resident Inspector
Crystal River Nuclear Power Plant