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Rules and Directives Branch

From: "AS.HUNJAN" <hunjan@igcar.ernet.in>
To: "CAG@nrc.gov" <CAG@nrc.gov>
Date: 3/13/02 11:49PM
Subject: Draft Regulatory Guide 1113

1/25/02
67FR3743
(1)

Dear Sir,

I have studied the Draft Regulatroy Guide 1113, it is very well written. Yet, a doubt remains in my mind. Why NRC doesnot consider any single failure in the containment integrity to arrive at the sit boundary doses? It is more so because the Reactor Containment Building is checked periodically and not continuously. A weak spot may develop in a random manner, and may not show up under normal operation conditions. When a major accident (LOCA) occurs this weak spot may open up and change the rate assumed for the releases from the containment building. One larges cable penetration opening up or a credible leak in the seals of the air locks etc may be assume for determining the site boundary doses.

I will be greatful if NRC tells me why such single failures are not considered to arrive at sit boundary abd Control Room doses.

I am also presuming that the analysis requirements, which are applicable to Control Room will also be applicable to Central Alarm Station and Secondary Alarm Stations of the Physical Protection System. This may be stated in the Regulatory Guide.

With regards,

Sincerely

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