Pecullan, Michael

From: James Reese [james.reese@worldnet.att.net]
Sent: Tuesday, May 13, 2003 12:29 PM
To: 'Pecullan, Michael'
Cc: 'Reilly, Kevin'
Subject: Conversation with NRC

Mike/Kevin

The following documents the conversation with Mr. Schmit of the NRC today regarding New Haven.

1. The NRC would like to review and approve a Sampling Plan for the areas we surveyed. This plan will set the basis for the survey performed after the remediation effort.
2. The survey units we had originally specified as Class 3, should be Class 2. The impact here is that for class 2 units there is a size limitation set by MARSSIM. When you add survey units you add sample locations.
3. Additional background survey units are necessary for each specific media to be surveyed. For example, several background units for asphalt, concrete, crushed gravel, soil, ballast rock, etc.) The results of these are then run through the statistical tests to basically obtain and average and standard deviation to develop the DCGL.
4. For survey units where soil, rock, or gravel are the media, samples rather than alpha/beta static measurements need to be collected. This will have a rather large impact depending upon the number of samples required. Last calculation was approximately 30 samples per survey unit.
5. Scanning for gamma radiation may work to alleviate some of the samples if the sensitivity is sufficiently low. Calculations performed using RESRAD computer programs can model this for us. I have the family of RESRAD codes for this effort.

If you have questions please let me know

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