

*R. Nimitz (R)*

**From:** "Donahue, Patrick J" <PDonahu@entergy.com>  
**To:** <rin@nrc.gov>  
**Date:** 07/28/2006 2:13:34 PM  
**Subject:** Monitoring Well Data Set Rev 1

Mr. Nimitz,

I have enclosed the edited monitoring well data set that I originally sent on 7/26/06. As you recall that was sent out in error and was soon after retracted. This enclosed data set is similar but does not contain all the NYSDEC data points due to confidentiality constraints.

I have groomed the data set to ensure I have enclosed what data we have available, but in some cases I simply do not have the ORISE lab sample results to fill in gaps in the data. If additional ORISE lab data is made available to Entergy I will incorporate that data as well. Please excuse the multiple units in use in this spreadsheet but the data is presented in the units of the original analysis.

If you require additional data please contact me at your convenience.

<<Groundwater Monitoring Routine MDC.doc>>

Respectfully,

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## IPEC Groundwater Monitoring Routine MDC's

Analyte	Sample Material		
	Water	Soil / Sediment	Fish
Sr-90	1 pCi/L	na	5 pCi/kg
H3	200 pCi/L	na	200

Basis for MDC's

## Strontium 90:

The basis for the strontium mdc is the ability of the lab to detect at a given concentration, expected background levels from published literature and a review of the practices of other utilities. We do not have a specified <sup>90</sup>Sr mdc for soil/sediment although we have some samples analyzed <50 pCi/kg.

## Tritium:

The basis for the tritium mdc is the ability of the lab to detect at a given concentration, the ODCM criteria and a review of the practices of other utilities. We do not normally analyze soil/sediment for tritium.

Note that Entergy will continue to review these mdc values for their usefulness in our continuing investigation.