

Indian Point Fish Sampling Conference Call

1/31/07 9:00 - 11:00 AM

NRC, DEC, DOH, Entergy

The Issues

The recent Entergy REMP fish sampling on the Hudson has raised concerns over the possibility of Sr-90 impacts to humans and the biota of the River. The limited data from that sampling supports the position that there is no measurable impact from plant releases and groundwater, but several questions need to be addressed to provide a sufficient level of confidence in the data interpretation.

A. Primary Questions to be Answered:

1. Is IP making a measurable contribution to Sr-90 concentrations in Hudson River fish?
2. If so, does that additional Sr-90 pose a human health threat?

B. In order to answer those questions we have to ask:

1. Is Roseton a viable control location.
 - a. Are the control and indicator fish separate populations?
 - b. Is Roseton impacted by IP discharges?
2. Are the appropriate species being collected?
3. Is fish flesh the only needed sample?
4. Have the indicator and control samples been compared on a species by species basis?

Recommendations

1. Institute a second control location upstream of Roseton, at least for this round.
2. Focus fish sampling on Carp, Sunfish (pumpkin fish), White Perch, Catfish (channel or white), and American Eel.
3. Analyze both flesh and bone/organs for this round.
4. Composite all members of the same species at each location into one sample for splitting.
ex: All Carp at IP location composited and separated into flesh and bone/organs, and each split 3 ways.
5. Analyze all samples for Sr-90, Cs-137, and other routine REMP analytes.