

NYSERDA 2008 Deer Monitoring Results



Presentation for the West Valley Citizen Task Force

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NYSERDA 2008 DEER MONITORING RESULTS

REASONS FOR MONITORING:

- As part of the West Valley Demonstration Project's (WVDP) routine Environmental Monitoring Program, three deer are sampled each year: two near-site and one background.
- In 2006 and 2007, increased Cesium-137 levels were identified in the near-site samples.
- The New York State Department of Health (NYSDOH) reviewed the data, and concluded that consuming venison with these concentrations of Cesium-137 is not a public health hazard.

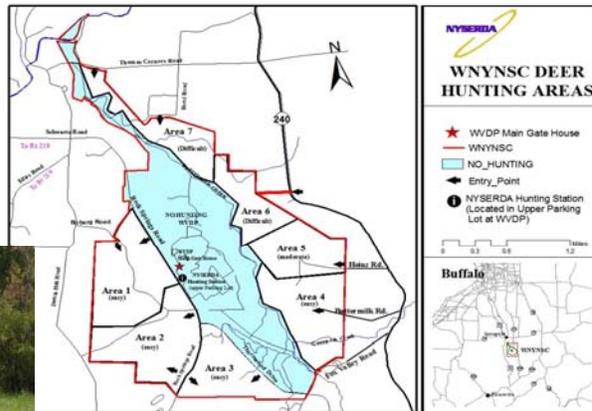


- NYSERDA notified hunters and the public of NYSDOH's findings, and invited hunters to participate in a voluntary sampling event during Opening Day weekend of the 2008 Hunting Season.

Hunting Areas Sampled and Sample Analyses

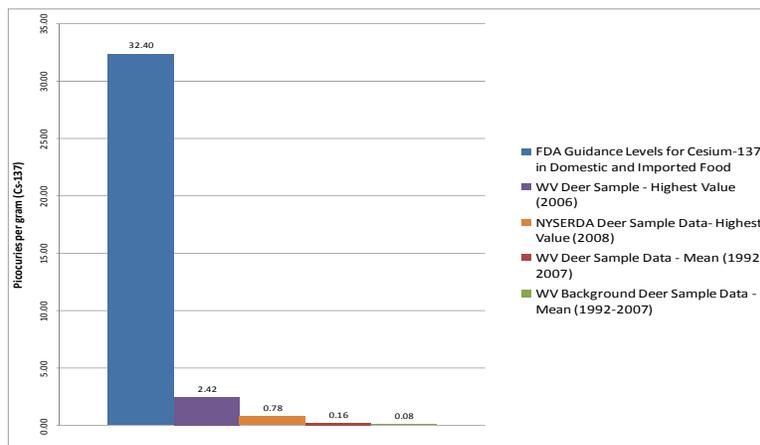
- 14 deer samples (2 does, 12 bucks) were donated by participating hunters.
- Samples were analyzed for Cesium-137 and Tritium in the meat, and Strontium-90 in the bone.
- At least one sample from every hunting area was collected:

Area 1 = 2 samples
 Area 2 = 2 samples
 Area 3 = 5 samples
 Area 4 = 1 sample
 Area 5 = 2 samples
 Area 6 = 1 sample
 Area 7 = 1 sample



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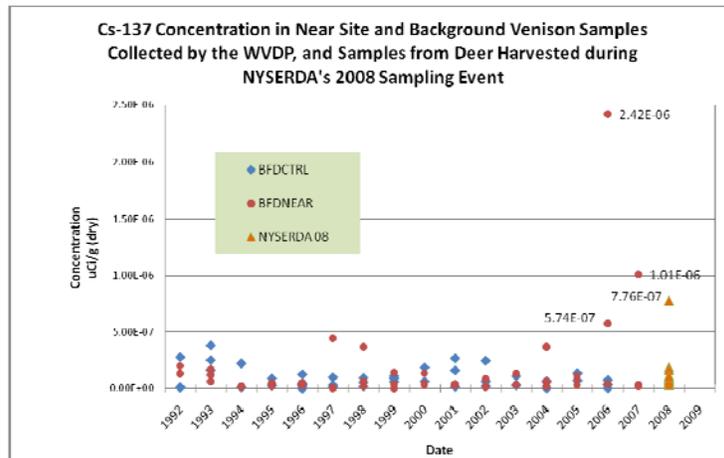
Sampling Results



- Results from the venison and bone samples showed that the levels of radioactivity were low.
- The highest NYSERDA venison result was less than three percent of the U.S. Food and Drug Administration's (FDA) limit for Cesium-137 in imported food, while the highest WVDP venison result was less than 10 percent of the FDA's limit for Cesium-137 in imported food.

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Sampling Results (cont.)



- A hunter eating 90 pounds of venison with radioactivity levels similar to those found in deer at the WYNWSC could receive an additional radiation dose of less than two millirem. For comparison, a typical chest x-ray results in a 10 millirem dose.

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Conclusions



- NYSDOH concluded that consuming venison with the levels of Cesium-137 identified is not a public health hazard.
- NYSERDA will continue to analyze samples submitted by participants in NYSERDA's deer hunting program.
- NYSERDA will continue to keep regulators and the public informed. Letters will be mailed this week to all hunters.

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