

## **Insignificant Amounts of Radiation Detected by State Monitoring Equipment**

*Levels Pose No Health Threat; Amounts Many Times Less than Background Radiation Doses*

Trace amounts of radioactive material associated with releases from the Fukushima Daiichi Power Plant in Japan have been detected by Arizona Radiation Regulatory Agency (ARRA) instrumentation located west of the valley and in Phoenix.

Due to the amounts of radioactive material falling below detection levels, monitoring data will not be collected several times a week as before. Data postings will appear less frequently unless conditions warrant more frequent measurements.

Click date to see the data compiled by the Arizona Radiation Regulatory Agency :

Data posted <a href="#">March 21, 2011</a>	Milk data posted <a href="#">March 31, 2011</a>
Data posted <a href="#">March 22, 2011</a>	Milk data posted <a href="#">April 1, 2011</a>
Date posted <a href="#">March 23, 2011</a>	Milk data posted <a href="#">April 6, 2011</a>
Date posted <a href="#">March 24, 2011</a>	Milk data posted <a href="#">April 22, 2011</a>
Date posted <a href="#">March 25, 2011</a>	Milk data posted <a href="#">April 29, 2011</a>
Date posted <a href="#">March 28, 2011</a>	Milk date posted <a href="#">May 9, 2011</a>
Date posted <a href="#">March 30, 2011</a>	
Date posted <a href="#">March 30, 2011 p.m.</a>	
Date posted <a href="#">March 31, 2011</a>	
Date posted <a href="#">April 1, 2011</a>	
Date posted <a href="#">April 5, 2011</a>	
Date posted <a href="#">April 6, 2011</a>	
Date posted <a href="#">April 7, 2011</a>	
Date posted <a href="#">April 8, 2011</a>	
Date posted <a href="#">April 11, 2011</a>	
Date posted <a href="#">April 15, 2011</a>	
Date posted <a href="#">April 22, 2011</a>	
Date posted <a href="#">April 29, 2011</a>	
Date posted <a href="#">May 6, 2011</a>	

“The average background radiation can range from 100-300 millirems per year,” according to Aubrey Godwin, Director of the Arizona Radiation Regulatory Agency. “The amount of additional radiation we are seeing in Arizona is less than **0.1** millirem. Such low concentrations of Iodine-131 do not pose a public health threat to Arizonans.”

ARRA expected to see a slight increase in detectable radiation as a result of the still unfolding emergency in Japan and due to the high sensitivity of monitoring equipment.

The Arizona Department of Health Services (ADHS) maintains that the precautionary ingestion of potassium iodide (KI) is unnecessary and there is no benefit to taking it right now. Arizonans who take KI unnecessarily could place themselves in danger of negative side effects, including severe allergic reactions, abnormal heart rhythms and nausea.

(Source: [Arizona Radiation Regulatory Agency](#) , [Arizona Department of Health Services](#), [Arizona Division of Emergency Management](#))