

ATSDR's Public Health Activities at DOE's Savannah River Site (SRS)

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SRS Citizen's Advisory Board Meeting

North Augusta Community Center

North Augusta, SC

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Who is ATSDR?

- ❑ A U.S. Department of Health and Human Services public health agency based in Atlanta that investigates environmental hazards in communities and analyzes potential exposures and the effect on public health
- ❑ Created by the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and the Superfund Amendments and Reauthorization Act of 1986

Who is ATSDR? (continued)

- ❑ Conducts public health assessments (PHAs) at sites proposed for EPA's National Priorities List (NPL) and at other sites at the request of EPA, state or local officials, and in response to petitions
- ❑ Responds to emergency releases of hazardous substances
- ❑ Provides education and training concerning hazardous substances to health care providers and communities

CDC and ATSDR Activities at SRS

□ CDC

- 2005 dose reconstruction project addressing community exposures to radioactive materials released from SRS from 1954 through 1992.

□ ATSDR

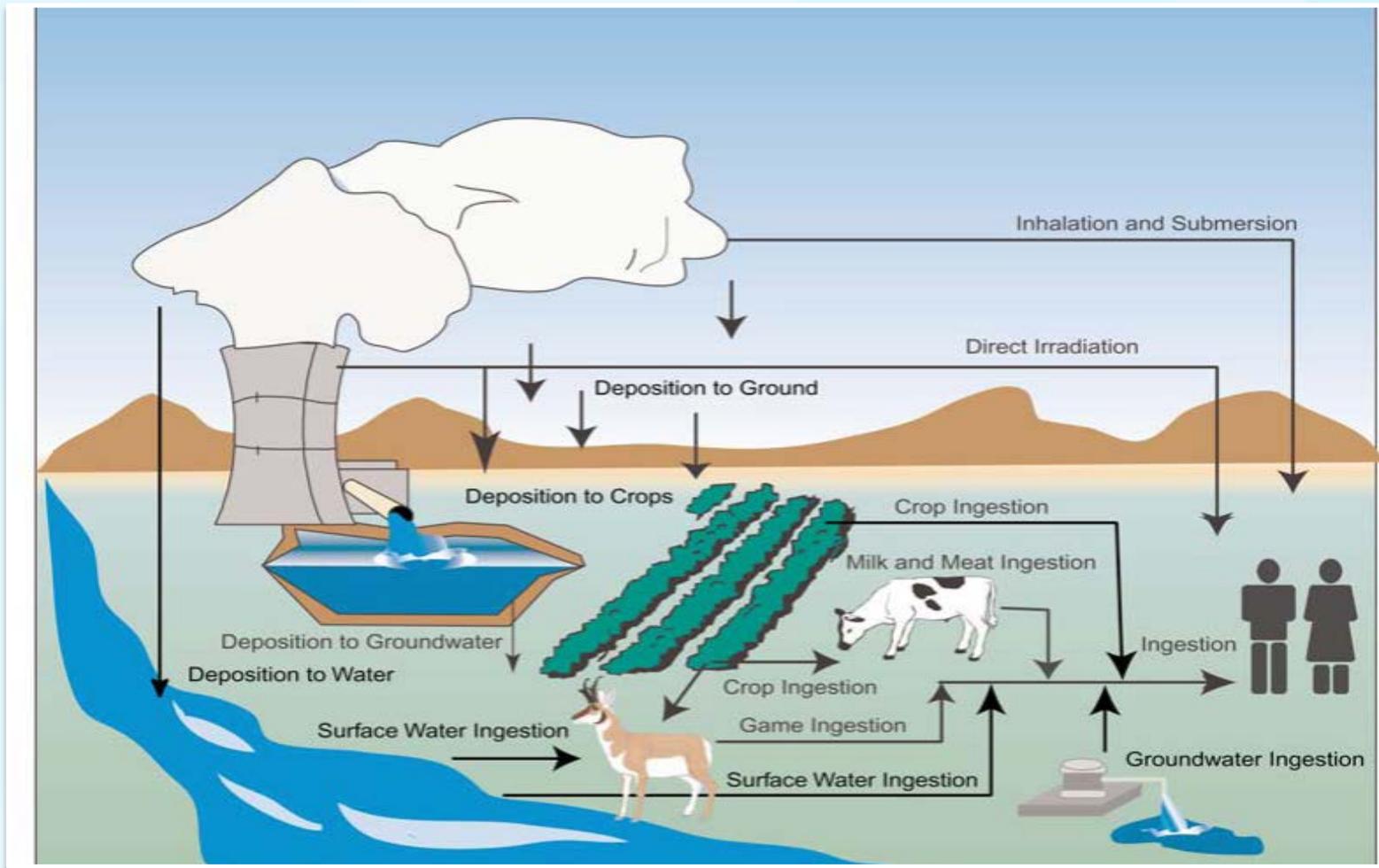
- 2002 - Tritium Releases and Potential Offsite Exposures
- 2007 PHA – potential exposure to offsite groundwater and surface water contamination
- 2012 PHA – exposures from eating plants and animals potentially contaminated with radioactive materials and chemicals

How do we find if a chemical or radioactive substance is a health hazard?

- ❑ **Look for a complete exposure pathway**
 - Eating, breathing, or contacting a substance creates a potential pathway

- ❑ **Estimate an exposure dose**
 - How much of each chemical or radioactive material a person may have come in contact with

- ❑ **Compare exposure doses at the site with other doses that have harmed people**



ATSDR's Current PHA

- ❑ July 1, 2013 release of PHA for public comment
- ❑ Evaluates air releases and off-site exposures to the public from radioactive and chemical releases between 1993 and 2010.
- ❑ The public comment period runs through August 12, 2013.
- ❑ **All public comments and ATSDR responses will be included in the final PHA (appendix)**

ATSDR's Current PHA (continued)

The public comment PHA can be viewed at

<http://www.atsdr.cdc.gov/hac/pha/HCPPHA.asp?State=SC>

or at the following libraries:

- USC-Aiken campus
- USC- Columbia campus
- Augusta State University
- Savannah State University

For information on ATSDR's public health activities at SRS, please visit

<http://www.atsdr.cdc.gov/HAC/PHA/HCPHA.asp?State=SC>

Or contact

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