



# ATSDR and TDH Partnership following the TVA Kingston Fossil Plant Coal Ash Release

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# History of ATSDR



- 1980: CERCLA, or “Superfund law” passed
- 1984: Resource Conservation and Recovery Act of 1976 (RCRA) amended
- 1985: ATSDR formally organized
- 1986: Superfund Amendments and Reauthorization Act (SARA) passed
- 2004: Consolidation with CDC’s National Center for Environmental Health (NCEH)
- Mandate (paraphrased):
  - Whenever a hazardous substance has been released into the environment, ATSDR shall investigate the existence and extent of the release and it’s potential impact on public health
  - Can be carried out directly by ATSDR or through Cooperative Agreements



# What experience does ATSDR have in Tennessee and at other coal ash sites?

- In Tennessee, ATSDR works closely with our partner in public health – TDH.
- We have, or continue to work, at many TN sites including:
  - Oak Ridge
  - Loudon County Hazardous Air Pollutants
  - Lenoir Car Works
- ATSDR has evaluated exposures to Coal Ash in several states.



# ATSDR/TDHF Initial Involvement

- ATSDR DRO involved within hours following the release.
- ATSDR DTEM provided SME for health and heavy metals for media covering the story
- DTEM and TDHF conducted EpiAid
- ATSDR/TDHF has provided technical assistance to TDEC and EPA since day 1
- Excellent inter-agency coordination: ATSDR, TDHF, TDEC, EPA, TVA, USACE, TWRA, etc.



# ATSDR/DHAC Products: PHAs and HCs

- May be routine or petitioned
- Performed by Cooperative Agreement States and/or ATSDR staff
- Approximately 380/year
- These efforts:
  - Assess exposures, possible health threats
  - Utilize community engagement
- Make recommendations and identify interventions to protect public health

## Health Consultation

Updated Assessment of PCB Exposures in Anniston, AL

ANNISTON PCB SITE

ANNISTON, CALHOUN COUNTY, ALABAMA

EPA FACILITY ID: ALD004019048

OCTOBER 16, 2006

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Public Health Service  
Agency for Toxic Substances and Disease Registry  
Division of Health Assessment and Consultation  
Atlanta, Georgia 30333

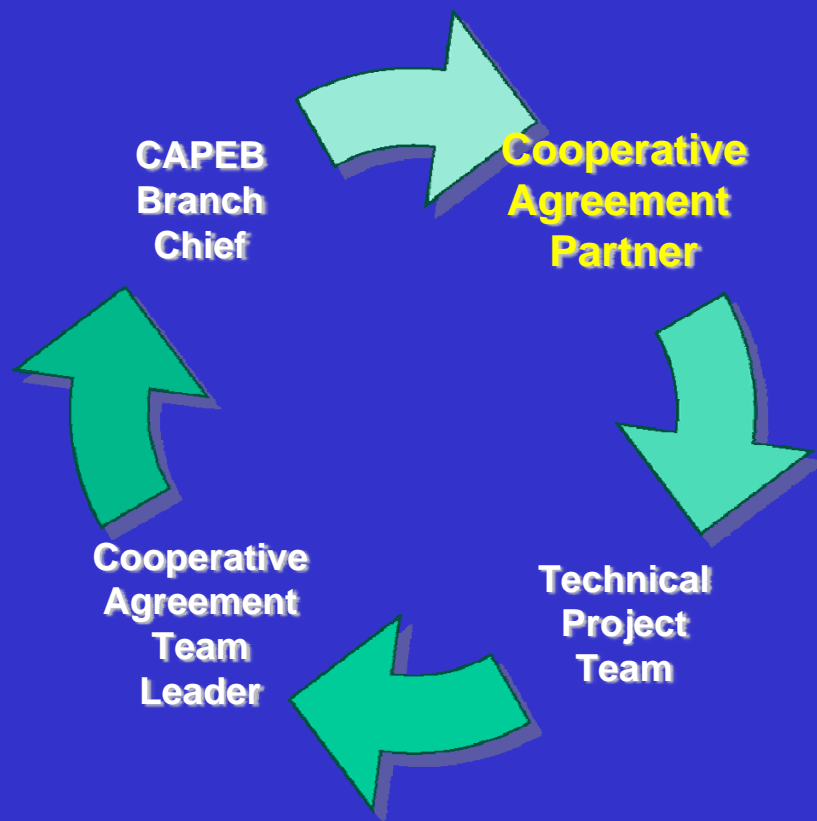


# ATSDR/DHAC Involvement

- First three Petitions
  - Suggested by environmental groups
  - From individuals with specific and non-specific health concerns
  - ATSDR Response: “TDH is currently working on addressing these concerns.”
- Fourth Petition
  - Over 20 co-signers
  - Raised concerns about ATSDR’s response to initial petitions



# Typical Document Review Process



Exceptions:

Exposure Investigations, Focus Sites, Congressional Interest

## Health Consultation

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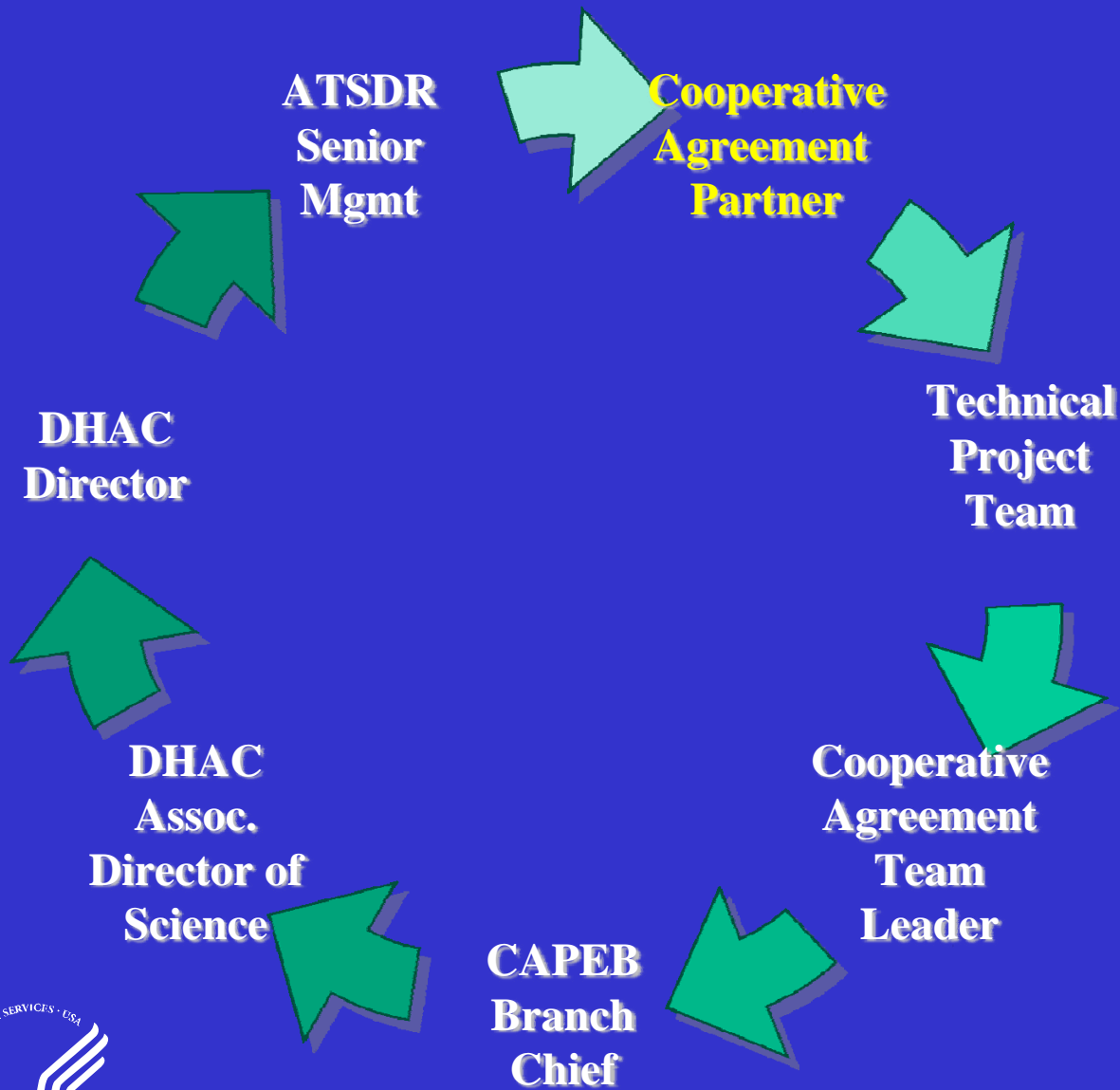
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# Review Process for *THIS Document*



**CAPEB** – Cooperative Agreement and Program Evaluation Branch

**DHAC** – Division of Health Assessment and Consultation

**ATSDR** – Agency for Toxic Substances and Disease Registry



# What are we in the Process?

- **Red Cover (Data Validation)** – Released Fall 2009
- **Brown Cover (Public Comment)** –December 2009
- **Peer Review** – Conducted concurrently with **Brown Cover** release
- **Blue Cover (Final Release)** – Early Summer 2010
- Continue to work and implement protective measures
- TDH and ATSDR remain available to review new information.





# Questions?

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