Report on Carcinogens: Webinar on Trichloroethylene (TCE)
Human Cancer Studies on Exposure to TCE:
Methods Used to Assess Exposure and Cancer Outcome.

March 17, 2014
9:00 a.m. to 1 p.m EDT
# Trichloroethylene (TCE) Webinar Agenda

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NTP Selected TCE as a Candidate Substance

- TCE is a chlorinated alkene used primarily as a metal degreaser.
- Occupational and environmental exposure.
  - TCE is ubiquitous in the atmosphere, soil, ground, surface and drinking water, and in food.
- Currently listed in the Report on Carcinogens (RoC) as reasonably anticipated to be a human carcinogen.
- Adequate database of cancer studies published since the last RoC review.
- Review for possible change in listing status in the RoC.

http://ntp.niehs.nih.gov/go/37899
Process for Preparation of the Report on Carcinogens (RoC)

Nomination and Selection of Candidate Substances
- Invite nominations to the RoC
- Interagency review
- Public comment
- Develop draft concept documents for substances proposed for evaluation
- Public comment
- Review of draft concept documents by NTP Board of Scientific Counselors* (public meeting, public comment)
- NTP Director
- Select candidate substances

Scientific Evaluation of Candidate Substances
- Prepare draft RoC Monograph for a candidate substance (initiate cancer evaluation component)
- External scientific input, as needed (e.g., consultants, ad hoc presentations, expert panels*)
- Public input (e.g., listening session, comment)
- Interagency input (complete cancer evaluation component and prepare draft substance profile)
- Interagency review
- Complete draft RoC Monograph

Public Release and Peer Review of Draft RoC Monographs
- Release draft RoC Monograph
- Public comment
- Peer review of draft RoC Monograph by NTP Peer-Review Panel* (public meeting, public comment, peer-review report)
- Present information regarding the peer review and revised draft RoC Monograph to NTP Board of Scientific Counselors (BSC) (public meeting, public comment)
- NTP Director
- Finalize RoC Monograph (cancer evaluation component and substance profile)

HHS Approval and Release of Latest Edition of the RoC
- Submit recommended listing status for newly reviewed candidate substances
- NTP Executive Committee
- Approval of listing status by Secretary, HHS (transmit latest edition of RoC to Congress and release to the public)

Key
HHS = Health and Human Services
NTP = National Toxicology Program
* Federally chartered advisory groups
TCE Webinar: Purpose

• To obtain scientific and public input on:
  • Issues related to the assessment of information (exposure and endpoint) in the epidemiologic studies of exposure to TCE.
  • Protocol for preparing the draft RoC monograph on TCE.
  • Input from the webinar will be used to inform the RoC cancer evaluation of TCE.
Trichloroethylene

Status: Candidate Substance

- Background
  - CAS # 79-01-6
  - Halogenated alkene used mainly as an intermediate for hydrofluorocarbon production (67%) and as a degreaser for metal parts (30%). It is a major ingredient in many consumer products and has been found in food and drinking water, and the environment (ambient air, ground and tap water).
  - Currently listed as *Reasonably Anticipated to be a Human Carcinogen* in the 12th RoC.

- RoC documents related to the scientific review of trichloroethylene
  - Federal Register Notice (January 19, 2012) requesting public comment on nominated substances
  - Revised Concept Document (December 31, 2013)
  - Protocol: Methods for preparing the draft RoC monograph on TCE (December 31, 2013)
  - Preliminary literature search and identified citations
  - Draft RoC Monograph
  - Final RoC Monograph

- Public Comments

- Meetings, Webinars and Listening Sessions
  - Federal Register Notice (Nov. 12, 2013) - requesting nominations of speakers for a proposed TCE webinar
  - Webinar (March 17, 2014) - “Human Cancer Studies on Exposure to Trichloroethylene (TCE): Methods Used to Assess Exposure and Cancer Outcomes”

**INPUT – provide information** (such as citations or new studies, scientific issues, nomination of experts, or comment on RoC documents)

NTP will communicate via the NTP list serve (http://ntp.niehs.nih.gov/go/getnews) when new information is added or current information is updated on this page.
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Webinar Logistics: Opportunities for Public Participation

• Seminar presentations: Question and Answers
  – The public may ask **clarifying** questions following each presentation.

• Topic-specific questions
  – The Discussion Leader (Dr. Guha) will ask the speakers a series of questions on four topics and will facilitate the discussion.
  – Following the last question for each topic, the public can ask a question or make a comment that is related to each topic.

• Public-initiated questions/topics
  – The public can ask a question or make a comment on any topic related to the webinar.

• Draft Protocol
  – Following the presentation, the public can ask a question or make a comment on the draft protocol for preparing the draft RoC monograph on TCE.
Webinar Logistics: How to Participate?

• Media for participating
  – Operator assisted call: Dial 1-866-952-1907 (toll-free) or 1-785-424-1826 for U.S. participants.
  – Email: ntpMeetings@niehs.nih.gov for International participants.

• Methods for participating
  – Moderator or Discussion Leader will ask for questions or comments during the question and answer periods and discussion sessions.
  – If you have a question, dial the number above; the operator will inform you when it is your turn to speak.
  – State your name and affiliation before asking your question.
  – Hang up the phone after your question has been addressed.
  – Dial *0 if you need to contact the operator while you are on hold.

• Please use your computer audio during the speaker presentations and when you are not making a comment.