

**Dragon, Karen E. (CDC/NIOSH/EID)**

---

**From:** Shanen Givone  
**Sent:** Friday, October 09, 2015 6:20 PM  
**To:** NIOSH Docket Office (CDC)  
**Subject:** Site Profile/Docket Number (131) and : (no number listed)

Dear Sirs or Madames,

The Tri-State Mining District has been exposed to radiation. I would like to petition for inclusion for those of us living here to receive "Downwinders" benefits to cover our health issues and to relocate. Radiation was released by the Jayhawk/Spencer site in Galena, KS (SEC noted "uranium dusts" from a hood vent operating without a filtration system) and the drinking water and aquifer; USGS reports the following:

"Water from a water-supply well in Galena, Kansas (well 13, fig. 4), does show younger water characteristics relative to other sampled Ozark aquifer wells as evidenced by isotope analysis. Tritium radioactivity (in picocuries per liter, pCi/L) was largest in water from well 13 among the 11 wells sampled for tritium (table 17). The 4.7 pCi/L tritium concentration in water from well 13 was about five times larger than the second largest concentration (well 6, 1.0 pCi/L). The 4.7 pCi/L tritium concentration determined in water from well 13 falls within the range (2.6 to 12.8 pCi/L) indicating ground water containing a mixture of submodern and recent (since 1952) recharge (Clark and Fritz, 1997, p. 185)."

"In addition RPD (relative percentage differences) EXCEEDED THE TARGET GOAL for 14C, (**CARBON 14**) where no MRL (safe level) is specified, and for copper and tritium where replicate values were not less than the MRL (which means the carbon 14, copper and tritium were above health levels, but EPA just hasn't set a 'safe limit' for carbon 14...if there 'is' a safe level...). The maximum RPDs were **24 percent for copper; 29 percent for 14C; and an anomalously large 640 percent for tritium.**"

#### Releases of Radioactive Materials

"CERCLA section 101(22) **excludes several types of releases of radioactive materials** from the statutory definition of "release." These releases are therefore not eligible for CERCLA response actions or the NPL. The exclusions apply to (1) releases of source, by-product, or special nuclear material from a nuclear incident if these releases are subject to financial protection requirements under section 170 of the Atomic Energy Act, and (2) any release of source, by-product, or special nuclear material from any processing site designated under the Uranium Mill Tailings Radiation Control Act of 1978 (UMTRCA). Accordingly, such radioactive releases have not been considered eligible for the NPL.

"As a policy matter, EPA has also chosen not to list releases of source, by-product, or special nuclear material from any facility with a current license issued by the NRC, on the grounds that the NRC has full authority to require cleanup of releases from such facilities (48 FR 40658, September 8, 1983)."

**(THE NRC HAS FAILED TO "REMEDiate" THESE HAZARDS AS SEEN IN OUR WATER REPORTS: ALPHA PARTICLE RADIATION, RADIUM 226 and 228)**

The Atomic Energy Commission's Engineers were **They were responsible for the Hanford, Washington site being exposed to radiation. They owned two mines in Jasper County: "Trinity" (as in Project Trinity) was located in Oronogo: <http://cdm.sos.mo.gov/cdm/ref/collection/tristate/id/1191>** The other was in Duenweg, which make up the "Oronogo Duenweg Superfund Site". Their affiliated company "Missouri Steel Castings" had licenses for nuclear material. This site has a DNR permit # 0709703 as a "landfill". Also of note: **Joplin Globe Newspaper, Tuesday, Nov 4, 1975 "City**

**to Buy Five Homes as Buffer”... relocating the inhabitants of 4 homes (the 5<sup>th</sup> home was not occupied). The watershed affected: 11070207 (Spring River Watershed) . EPA ID: 110000443850 surrounding the Missouri Steel Castings address; 905 E. 3rd St. Joplin, MO**

**Missouri Steel Castings Incorporated: NAICS code# 331513**

**Total TRI Releases “Total pounds per year released for Air Emissions, Surface Water Discharges, Underground Injections and Releases to Land.” from 1 to 777 Million Pounds Per YEAR.**

MISSOURI STEEL CASTINGS, MOD# 062711544

NOTIFIED EPA (by law) August 18, 1980, TREATMENT, STORAGE, DISPOSAL FACILITY; GENERATOR ; UNDERGROUND INJECTION WELL; and TRANSPORTATION (OF TOXINS)

The Tri-State Mining District has been exposed to radiation from the air, soil and water. I would like to petition for inclusion for those of us living here to receive "Downwinders" benefits to cover our health issues and to relocate.

Please send the petition for inclusion to:

Shanen Givone