

COPIES TO:

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12.23-4



TO C. A. Campbell  
FROM G. F. McKereghan  
DATE April 11, 1977  
SUBJECT ERDA (AEC) Inspection

On Wednesday, April 6, 1977 I accompanied Messrs. Bill Thornton and Howard Dixon of the Oak Ridge, Tennessee office of ERDA in a site survey for residual radioactivity at two previously active uranium recovery areas:

- . Mulberry Research Center Pilot Plant
- . Uranium extraction unit at Bonnie (now CF)

Both sites have all equipment and building structures removed. Floor slabs remain. No unusual radioactivity noticed. Radioactivity over the slab at Mulberry was less than surrounding ground--attributed to the "shielding" effect of the slab. An adjacent debris mining site was visited and similar radiation levels noted. Soil samples were taken at both sites and the debris pile. Results will be forwarded to IMC by Bill Thornton.

At CF, I left the inspection group prior to detailed field inspection as Mr. Bob Riddle (ex IMC), who was intimately familiar with the plant locations and history, accompanied the ERDA people. A cursory appraisal had indicated no unusual radioactivity expected.

ERDA inspected other sites locally, specifically mentioning Gardinier (chemicals) and Grace.

ERDA did not require plant layout, property records, etc. If radioactivity was unusual, they would consider a scrap search. With a time lapse (nearly 20 years) and no residual radioactivity noticed, this was not necessary.

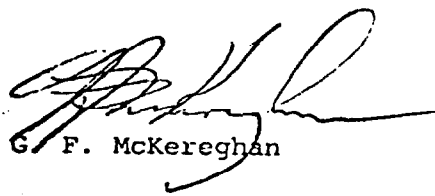
A file search for evidence of a radioactivity survey at the time of abandonment was negative in IMC, Bonnie and ERDA (AEC) files. Don Tynan, IMC corporate office, was contacted for input and he recalls AEC inspection team after Bonnie shutdown, but no recollection of Mulberry inspection. He believes Bonnie records were

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lost in the Chemical Process Engineering fire and/or 1961 hurricane. He suggested two ERDA contacts who might fill in information:

DATE April 11, 1977 Richard Kennedy - ERDA - Washington, D.C.  
Safety Standards & Compliance Division  
Phone (301) 353-5643

Frank McGinley - ERDA area office  
Grand Junction, Colorado  
Phone (303) 242-8621

  
G. F. McKereghan

GFMCK/b

Note: Subsequent phone discussion with Thornton and Riddle confirmed no unusual radioactivity encountered.

GFMCK