



Consumers  
Power  
Company

December 29, 1982

Dennis M Crutchfield, Chief  
Operating Reactors Branch No 5  
Nuclear Reactor Regulation  
US Nuclear Regulatory Commission  
Washington, DC 20555

DOCKET 50-155 - LICENSE DPR-6 -  
BIG ROCK POINT PLANT -  
SPIKED AIR PARTICULATE ANALYSIS

In letters dated September 13, 1982 and October 20, 1982, C J Paperiello, Chief, Emergency Preparedness and Program Support Branch advised D P Hoffman, Big Rock Point Plant Superintendent that spiked air particulate filter samples were being sent to the Big Rock Point Plant for analysis as part of an effort to close I&E Inspection Report 50-155/82-07, open item 50-155/82-07-02.

Consumers Power Company's responses to the NRC letters are enclosed for the record and are as follows:

1. CP Co letter dated September 21, 1982 from G L Fox to Nora Nicholson;  
Subject: Air Particulate Sample For Quantification.
2. CP Co letter dated October 29, 1982 from Gill Fox to Al Januska;  
Subject: Spiked Air Sample For Confirmatory Analysis.

Nathan L Haskell  
Senior Licensing Engineer

CC Administrator, Region III, USNRC  
NRC Resident Inspector-Big Rock Point

Enclosures

A001

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PDR ADOCK 05000155  
Q PDR

312 - 932-2500

To Nora Nicholson  
FROM *gff.* GLFox, Big Rock  
DATE September 21, 1982  
SUBJECT BIG ROCK POINT PLANT-  
AIR PARTICULATE SAMPLE FOR QUANTIFICATION

**Consumers  
Power  
Company**

INTERNAL  
CORRESPONDENCE

cc DCC 740/24\*05\*03

GLF 82-37

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The air particulate sample was analyzed on our ND6685 system identifying Cs134 and Sb125. The print-out indicated the sample included Na 22. The isotope was not reported as it is not in our library.

Analysis results were:

Cs134	3.01 E-03 $\mu$ ci	Cr51	1.36 E-04 $\mu$ ci
Sb125	4.22 E-03 $\mu$ ci	Co60	3.46 E-05 $\mu$ ci

Any questions about the analysis call Gilbert Fox 616-547-6537.