



Consumers
Power
Company

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December 19, 1980

Mr James G Keppler
Office of Inspection and Enforcement
Region III
US Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

DOCKET 50-155 - LICENSE DPR-6 -
BIG ROCK POINT PLANT - SUPPLEMENTAL
RESPONSE TO IE BULLETIN NO 80-10 -
CONTAMINATION OF NONRADIOACTIVE
SYSTEMS AND RESULTING POTENTIAL FOR
UNMONITORED, UNCONTROLLED RELEASE
OF RADIOACTIVITY TO ENVIRONMENT

Consumers Power Company has previously responded to IE Bulletin 80-10 on July 11, 1980 and December 2, 1980 (supplemental response). Our supplemental response was to provide additional information requested by NRC Region III inspectors during the November 3-6, 1980 inspection. IE Inspection Report No 50-155/80-16, dated December 3, 1980, has been recently received and upon our review indicates that our previous responses need further amplification. Therefore, in response to the inspector's request and our commitment that certain responses be formally docketed, the following information is provided:

(Note: Responses in addition to those previously given in our letter dated December 2, 1980 are identified by lines in the right margin.)

1. All floor drains having a potential for radiological release to the environment from plant equipment were identified and those that drained to the environment (ie, Lake Michigan which is immediately adjacent to the plant) were plugged.
2. The sluicing of spent demineralizer resins to a shipping cask requires the use of a procedure which requires that yard drains in the vicinity of the pumping operation be plugged and sealed before the pumping operation commences.
3. The potential for contamination of breathing air supply systems will be addressed by performing a routine sampling of the such air supply lines, which is scheduled to commence on January 1, 1981. Additionally, to assure clean breathing air for plant

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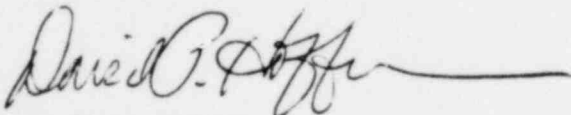
Mr James G Keppler
Big Rock Point
December 19, 1980

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workmen, it is our practice to use an MSA manifold for all breathing air purposes supplied by plant air systems. The manifold contains a pressure regulator, a particulate and carbon filter, and connections for approximately four workmen.

4. The plant heating boiler system is no longer used for reactor core physics test (moderator temperature coefficient test). Separation of these two systems (shutdown heat exchangers) is maintained by a locked valve and procedural controls. Demineralized water is the primary source of make-up water supply to the plant heating boiler. This source is sampled and analyzed for radioactivity on a routine basis. Therefore, there is no need to sample the plant heating system directly.
5. The influent to the sanitary waste system is from the usual sanitary receptacles located in the office section of the plant and from the plant heating boiler blowdown tank. The effluent from the collection system is pumped to an on-site leaching field. Therefore, there is no need to sample the sanitary waste system directly.
6. Potable water is supplied from an on-site deep well pump and a 670 gallon domestic water accumulator storage tank. Review of this system also indicates that sampling and analysis for radioactivity is unnecessary.

It is our belief that the concerns of IE Bulletin No 80-10 and the NRC Region III inspectors have been resolved by our previous responses, the information provided on-site and the information provided herein; therefore, no additional actions are planned pursuant to this bulletin.



David P Hoffman
Nuclear Licensing Administrator

CC Director, Office of Nuclear Reactor Regulation
Director, Office of Inspection and Enforcement
NRC Resident Inspector - Big Rock Point