

NOV 14 1989

Docket No. 70-1201
License No. SNM-1168

B&W Fuel Company
Commercial Nuclear Fuel Plant
ATTN: Ms. Katherine Lester
License & Control Administrator
P.O. Box 11646
Lynchburg, VA 24506-1646

Gentlemen:

As part of the renewal action for License No. SNM-1168, we have reviewed the information in your June 21, and August 10, 1989, submittals. We have identified additional areas that need clarification in order to complete the environmental assessment associated with the license renewal. Enclosed is a list of questions regarding CNFP's activities. Written responses to the questions are necessary to complete our renewal process. The review schedule calls for the receipt of eight copies of your response by December 30, 1989. I may be reached at (301) 492-0606 if there are any problems in meeting this schedule or if I can be of assistance.

Sincerely,

Original Signed by

Merri Horn
Uranium Fuel Section
Fuel Cycle Safety Branch
Division of Industrial and
Medical Nuclear Safety, NMSS

Enclosure: As stated

Distribution: w/encl

Docket 70-1201	IMUF R/F	MHorn
NRC File Center	IMSB R/F	GBidinger
PCR	VLTharpe	GTroup, RII
NMSS R/F	DAMcCaughey	Region II

OFC	: IMUF	: IMUF	: IMUF	: IMUF	: 221B	:	:
NAME	: MHorn:mlh	: VLTharpe	: DAMcCaughey	: GHBidinger	:	:	:
DATE	: 11/14/89	: 11/14/89	: 11/14/89	: 11/14/89	:	:	:

OFFICIAL RECORD COPY

8911290309 891114
PDR ADOCK 07001201
C PDC

DF03

ENVIRONMENTAL QUESTIONS
COMMERCIAL NUCLEAR FUEL PLANT
DOCKET NO. 70-1201

1. In the June 21, 1989, response to question 9, CNFP indicated that the CERF operations are moving to the main building. When this move is completed, will the operations discharge through the main stack or a separate stack? If the discharge is through a separate stack, provide the specifications for the stack (i.e., diameter, height, location in comparison to main stack).
2. Provide a copy of your current NPDES permit.
3. How much mixed waste is currently onsite? How much does CNFP generate on an annual basis? What are CNFP's plans for disposing/storing any mixed waste generated by CNFP?
4. In 1988, a time when radioactive particulates were no longer being introduced to the retention tanks, over 280 μCi of uranium was discharged via the liquid effluent. This compares to a 1987 total of about 180 μCi of uranium, the last year in which discharges were made. The total for the first half of 1989 was 150 μCi of uranium. This is not consistent with the statement that all radiological contaminated water is routed to the evaporator. While some accumulation in the collection system from past operations is to be expected, the recent releases are higher than would be expected from residual contamination. Explain.
5. The air concentration (Table 11) for the third quarter of 1986 are about a factor of 10 higher than other quarters, there does not appear to be a corresponding increase in gaseous effluents. Provide an explanation for this increase.
6. Provide a legible site map (figure 9.1, page 9-7) that is suitable for copying.