



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

MAR 4 1982

Docket Nos. 50-367

Ms. Nancy Garrett
Acting Deputy Director
National Park Service
Washington, D. C. 20240

Dear Ms. Garrett:

I am responding to your letter of December 23, 1981, to Mr. Denton in which you provide comments as requested by this agency on the restoration plan proposed by Northern Indiana Public Service Company (NIPSCO) to redress the site of the Bailly facility. As you may be aware, the Atomic Safety and Licensing Board which was convened to conduct a hearing on NIPSCO's request for an extension of the Bailly construction permit, issued an Order on January 29, 1982, instructing NIPSCO to commence work on redressing of the Bailly site.

With respect to your specific comments on the restoration plan for Bailly, we reviewed this plan to determine whether it would have an adverse effect on the environment with particular emphasis on the adjacent Indiana Dunes National Lakeshore. We believe that capping of the wells in and near the excavation is a sufficient measure based upon the relatively low flow potential between the lower and upper aquifers, the slurry wall around the excavation and the natural groundwater flow pattern from southeast to northwest. Our position is that any contamination which might occur in the lower aquifer will have a negligibly low probability of reaching either the westernmost portion of the National Lakeshore or the Cowles Bog complex. While NIPSCO intends to cap all the wells on its property outside the excavation, this will not preclude their future use for monitoring the groundwater levels. Further more, capping of the wells will help preserve their integrity. Accordingly, we believe NIPSCO's restoration plan is responsive to your concerns regarding the wells.

With respect to your comment on the lack of information about the slagged lay-down area and the railroad spur area, we do not regard these areas as being potential sources of adverse environmental impacts on the National Lakeshore. However, you may wish to discuss this matter directly with NIPSCO so that you may independently gain assurance that these areas do not represent an environmental threat to the National Lakeshore.

Finally, NIPSCO's restoration plan for filling the excavation will assure that the fill will be composed of materials that are clean, inorganic and of a character not appreciably different from the original material. Since these materials will be sand of the type generally found in the area, we believe that your concern about the nature of the backfill material has been resolved by NIPSCO's restoration plan.

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Certified By M.O.H.

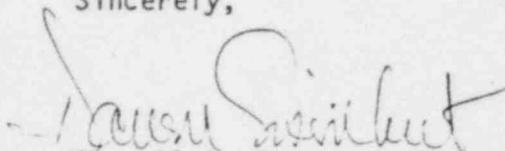
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Ms. Nancy Garrett

- 2 -

If you have any further questions or comments on these matters, please contact the Project Manager, M. D. Lynch at (301)492-9793.

Sincerely,


Darrell G. Eisenhut, Director
Division of Licensing



United States Department of the Interior

NATIONAL PARK SERVICE
WASHINGTON, D.C. 20240



IN REPLY REFER TO:

DEC 23 1981

50-367

Mr. Harold R. Denton
Director, Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

In response to your letter of November 20, 1981, in which you requested our comments on the proposed Bailly Nuclear One site restoration plan, we offer the following comments:

1. Sealing and capping of wells: We are unclear about the extent of proposed sealing/capping of wells, sump casings, transducers, etc., before backfilling in the excavation and in areas separated from the excavation. We recommend that all Unit 3 wells in the excavation be filled with concrete before backfilling. Because of the hydrologic connection between Units One and Three at the excavation site, wells which are not cemented are potential avenues for flow between the lower sand and upper sand aquifers. While this would probably not appreciably alter the flow system in either aquifer unit, it could allow any future contamination that might occur in the lower sand aquifer to migrate more easily into the upper sand near the excavation site. In such a case, the west end of the Cowles Bog Wetland Complex could be impacted if water of undesirable quality would move through the slurry wall or the sheet pilings on the northeast part of the excavation.

Monitoring wells outside the excavation which are necessary to future monitoring should not be capped.

2. H-Piles: We see no problems arising from the leaving-in-place of the H-Piles after cutting them off at +8 feet. Their total removal might destroy the integrity of the hydrologic regime of the area.

3. Slagged Lay-Down and Railroad Spur Areas: There is inadequate information for us to be able to comment on the proposal for the slagged lay-down area and railroad spur area. This area, from the plan description, appears to be adjacent to Lakeshore property. We would need more information, including a map, to evaluate this part of the proposed plan.

Boo! 5/10 Add: Harold Denton

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