



## Northern Indiana Public Service Company

General Offices / 5265 Hohman Avenue / Hammond, Indiana 46325 / Tel.: 853-5200 (219)

August 15, 1979

JAMES F. PURCELL  
Senior Vice President

Mr. Ronald Ballard, Chief  
Environmental Projects Branch, No. 1  
Office of the Nuclear Reactor Regulations  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20545

RE: Docket Number 50-367

Dear Mr. Ballard:

Enclosed herewith are twenty-five (25) copies of the Spring 1979 Quarterly Reports on the Bailly Generating Station's Nuclear-1 ecological monitoring program. This is the twentieth Quarterly Report on this work. The Spring 1979 Quarterly Report contains analysis and interpretation of data for the period of April through June, 1979.

Spring 1979 terrestrial sampling was conducted in May and included live trapping for small mammals, large mammal observations, roadside counts of rabbits and birds, transect counts of birds, surveys of reptiles and amphibians, collection of soil samples, and inspection for vegetative foliar damage. Although the data indicated decreased animal activity during this sampling period in the vicinity of the Bailly Generating Station site, the changes could be attributed to the severe 1978-1979 winter and the low temperatures experienced the following spring. There are no effects indicated, attributable to Bailly Generating Station, Nuclear-1 construction.

Spring 1979 aquatic sampling was conducted in April and early May. Phytoplankton, periphyton, zooplankton, benthos, fisheries, and water quality samples were collected. Much of the aquatic data is analyzed in this Report. The remainder, which could not be analyzed in time for this Report, will be discussed in the Summer 1979 Quarterly Report. In general, aquatic parameters were predictable and indicated no adverse effects from Bailly Generating Station, Nuclear-1 construction activities.

In summary, there continues to be no discernible effects in the environment due to construction of Bailly Nuclear-1.

Very truly yours,

*James F. Purcell*

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Enclosures

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