



**Northern Indiana Public Service Company**

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JAMES F. PURCELL  
Senior Vice President

July 7, 1980

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

RE: Docket No. 50-367

Dear Mr. Ballard:

Enclosed are twenty-five (25) copies of the Sixth Annual Report on the ecological monitoring program for Bailly Generating Station Nuclear-1. This report covers ecological monitoring program activities for Bailly Nuclear-1 conducted from April, 1979 through March, 1980. The report contains data, as well as the analysis of the data collected from April, 1979 through March, 1980 in both the areas of terrestrial and aquatic monitoring efforts.

Activities in the area of terrestrial monitoring included field surveys and analysis for foliar effects, a vegetation survey, mammal and bird observations, roadside surveys (mammals and birds), reptile and amphibian survey, invertebrate surveys, and soil sample analysis. The terrestrial analysis characterizes trends inherent in the terrestrial community.

Aquatic monitoring included sampling and analyses for phytoplankton, zooplankton, benthos, macrophytes, fisheries, water quality and sediment particulate size samples. Results of aquatic sampling showed no effects on the aquatic community which could be attributed to activities connected with Bailly Generating Station, Nuclear-1.

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

Very truly yours,

*James F. Purcell*

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Enclosures

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