



Northern Indiana Public Service Company

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JAMES F. PURCELL
Senior Vice President

February 19, 1981

Mr. Ronald L. Ballard, Chief
Environmental Projects, Branch #1
Office of the Nuclear Reactor Relations
U.S. Nuclear Regulatory Commission
Washington, D.C. 20545

RE: Docket No. 50-367

Dear Mr. Ballard:

Enclosed, herewith, are twenty-five (25) copies of the Fall, 1980, Quarterly Report on the Bailly Generating Station Nuclear-1 Ecological Monitoring Program. This is the 26th Quarterly Report on this work. The Fall, 1980, Quarterly Report contains analyses and interpretation of data for October through December, 1980.

Terrestrial sampling was conducted during the month of October. That sampling included foliar damage analysis, small mammal trapping, large mammal observations, avian counts along transects, aquatic bird surveys and soil conductivity.

Aquatic sampling was conducted in November, 1980, and included the collection of phytoplankton, periphyton, zooplankton, benthos, ichthyoplankton, fish and water quality samples. Also included in this report were the results of the August sampling on trace elements in sediments. The general water quality parameters continue to indicate high water quality in Lake Michigan and generally in the ponds.

Pond B was dry during this sampling period. With the continuing progress of work in the area of sealing the existing ash settling basins, Pond B which was substantially supported by seepage from the ash settling basins will no longer be influenced by these facilities.

As with previous reports, there continues to be no discernible effects to the environment due to the construction of Bailly Generating Station Nuclear-1.

Very truly yours,

JFP:gb

Enclosures

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