



T.I.C

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

SEP 30 1980

MEMORANDUM FOR: Those on Attached List

FROM: Helen Pappas, Chief, Administrative Branch

SUBJECT: ENVIRONMENTAL AND WELL MONITORING SAMPLES IN DRESDEN AREA

The attached letter dated September 25, 1980, was sent to the concerned citizens listed below.

Mr. and Mrs. Gary G. Buis
Wilmington, Illinois

Mr. William R. Cailey
Wilmington, Illinois

Mr. and Mrs. Fred Conway
Wilmington, Illinois

Peggy Graves
Morris, Illinois

Mr. Robert Hegland
Wilmington, Illinois

R. J. Hickok
Wilmington, Illinois

Mr. and Mrs. George Kosch
Wilmington, Illinois

Mr. Ed Kubinski
Wilmington, Illinois

Mr. Kurt Liebermann
Wilmington, Illinois

Mr. and Mrs. Michael Marchese
Wilmington, Illinois

Mr. Tony Marchus
Wilmington, Illinois

K. G. Pierce
Wilmington, Illinois

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Those on Attached List

- 2 -

Mr. Byron L. Soren, Jr.
Wilmington, Illinois

Mr. Larry L. Wills
Wilmington, Illinois

Helen Pappas Carroll for
Helen Pappas, Chief
Administrative Branch

Enclosure: Ltr dtd 9/25/80

Addressees - Memorandum dated September 25, 1980

Central Files
Reproduction Unit NRC 20b



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
700 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

September 25, 1980

POOR ORIGINAL

Gentlemen:

We have received a request from you on September 8, 1980, that your well be tested for radioactivity. It is our understanding that your request is based on concerns with possible leakage of radioactive water to the groundwater at the Dresden Nuclear Power Station.

The NRC collected surface water samples in the vicinity of the Dresden Station on September 5, 1980. These samples were analyzed by Argonne National Laboratory and did not show any increased levels of radioactivity above natural background.

Wells in your area take water from one of three water-bearing levels. These layers are located at depths of approximately 90-150 feet, 250-350 feet and greater than 1000 feet. We have collected water samples from each layer in your area. Various layers were sampled on September 5, 6 and 12, 1980. Analysis for radioactive material is being performed by Argonne National Laboratory. Initial results for the 90-150 foot layer show no increase in radioactivity above natural background levels present in water. When all the results are available they will be made public and a copy will be sent to you. Further samples will be collected from additional wells if these tests show levels of radioactive material higher than natural background.

Sincerely,

James G. Keplér
James G. Keplér
Director