

**BEFORE  
THE OHIO POWER SITING BOARD**

In the Matter of the Application of The :  
Ohio State University for a Certificate of : Case No. 19-1641-EL-BGN  
Environmental Compatibility and Public :  
Need for the Combined Heat and Power :  
Facility Project in Franklin County, Ohio. :

**PREFILED TESTIMONY  
OF  
Paul Nathan Spahr  
OHIO DEPARTMENT OF NATURAL RESOURCES  
ON BEHALF OF THE STAFF OF THE OHIO POWER SITING BOARD**

**Staff Exhibit** \_\_\_\_\_

**July 9, 2020**

1 1. Q. Please state your name and business address.

2 A. My name is Paul Nathan Spahr, and my business address is 2045 Morse  
3 Road, Columbus Ohio, 43229-6693.  
4

5 2. Q. By whom are you employed and what is your position?

6 A. I am employed by the Ohio Department of Natural Resources (ODNR),  
7 Division of Geological Survey, as Deputy Chief.  
8

9 3. Q. Please summarize your educational background and work experience.

10 A. I received a Bachelor's degree in Geology from The Ohio State University in  
11 1989 and a Master of Science in Environmental Science from The Ohio State  
12 University in 2008.  
13

14 I have been employed at ODNR for 32 years. I began my career in 1988, with  
15 the ODNR Division of Water, as a college intern before accepting a staff  
16 hydrogeologist position in 1990. I worked for the Division of Water for 23  
17 years. As a hydrogeologist, I performed many varied tasks such as aquifer  
18 resource mapping, aquifer vulnerability mapping, performing and analyzing  
19 aquifer tests for physical and chemical properties, performing field  
20 investigations regarding water use, ground water flow modeling,  
21 potentiometric surface mapping, database administration for the Ohio Water  
22 Withdrawal program, Geographic Information Systems coordinator, and

1 represented the Division at professional and public meetings. In 2013, I took  
2 a position with the ODNR Division of Geological Survey as a staff geologist.  
3 I interpreted geophysical logs, produced subsurface structure and isopach  
4 maps of geologic units, mapped surficial deposits, performed environmental  
5 reviews, and performed reviews for Class I and II injection wells. In 2016, I  
6 became supervisor of the Mapping Group where I supervised eight geologists  
7 and wrote and managed grant proposals. In 2018, I became Deputy Chief of  
8 the Division of Geological Survey where I oversee and manage the Mapping  
9 and Ground Water Sections.

10  
11 4. Q. Have you testified in prior proceedings before the Ohio Power Siting Board?

12 A. No.

13  
14 5. Q. What was your role in this case?

15 A. Provided written report on the geologic conditions of the site.

16  
17 6. Q. What sections of the staff report of investigation did you work on?

18 A. The Division of Geological Survey provided a general written description of  
19 the geologic conditions of the site which included the physiographic region,  
20 surficial and glacial geology, bedrock geology, an inventory of oil, gas, and  
21 mining operations, an inventory of seismic activity, karst geology, soils, and  
22 groundwater resources.

1

2 7. Q. Are you responsible for any conditions in the Staff Report? If so, which  
3 ones?

4 A. No.

5

6 8. Q. Does this conclude your testimony?

7 A. Yes, it does. However, I reserve the right to submit supplemental  
8 testimony, as new information subsequently becomes available or in  
9 response to positions taken by other parties.

## CERTIFICATE OF SERVICE

The undersigned hereby certifies that a true and correct copy of the Prefiled Testimony of Paul Nathan Spahr has been served upon the below-named counsel via electronic mail, this 9<sup>th</sup> day of July 2020.

*/s/ Thomas G. Lindgren*

**Thomas G. Lindgren**

Assistant Attorney General

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Summary: Testimony Prefiled Testimony of Paul Nathan Spahr electronically filed by Mrs. Kimberly M Naeder on behalf of OPSB