

# Boards & Commissions Application



I am interested in serving on the following boards/commissions. (Please indicate the order of preference).

- 1. Harrisonburg Electric Commission
- 2. \_\_\_\_\_

**As an applicant/member of a Council-appointed Board or Commission, your name, address, and phone number will be available to the press and public. Information will be kept on file for three years. Public discussion of information contained herein may occur in the meeting at which appointments are considered by the City Council.**

Mr.  Mrs.  Ms.  Miss.  Dr. (Please type or print clearly)

Name: Frackelton David G Date: 01/12/2019  
(Last) (First) (M.I)

Home Address: 1872 College Ave Own/Rent? Own

Phone Number: 540-434-7788 Alternate Phone: \_\_\_\_\_

Occupation: Self-Employed Employer/Organization: Nuclear Energy LLC

E-mail: David.Nuclearenergy@gmail.com Harrisonburg resident for 42 years.

Were you referred by anyone:  Yes  No Name of Referring Party: 1) Kevin Rose 2) HEC Commissioners

How did you hear about volunteering on a board or commission?  Cable  Website  Council Meeting  
 Other: I was asked to serve

### Why do you wish to serve on a board or commission?

I have always felt an obligation to serve wherever others have thought I would be helpful. I did not seek out this position, but after being asked, I was willing to serve because I thought I was particularly suited to this position by my education, experience and desire to promote conservation and environmentalism. After serving for a year and a half, I see the necessity of having a person with extensive technical experience and empathy for all of the customers of the HEC.

Similar positions I have held are:

President and Board of Governors, The World Food Logistics Organization; Board of Directors, International Institute of Ammonia Refrigeration; Chairman and Board, Shenandoah Valley Soil & Water Conservation District; Member, Shenandoah Valley RC&D (Resource, Conservation & Development); Member, Water Reuse and Recycling Advisory Committee, VA DEQ; Member, Water Resources Comm, VA DEQ; Member, UAA (Use Attainability Analyses) Work Group, Chesapeake Bay Program

### What relevant experience or education do you have to this board or commission?

My higher education is a Bachelors of Science in Nuclear Engineering with distinction from the University of Virginia. We were taught to "start from scratch" with every problem so we were not restricted with preconceived ideas or faddish responses. We had to analyze all aspects of a problem including practicality, economics, environmental concerns, and social aspects. I try to continue this same approach today.

In the early 80's, I designed and implemented one of the first electrical load shedding projects for HEC, while working for Cassco, to benefit both Cassco and HEC. For the next 40 years, I designed equipment for ice plants, poultry plants, processing plants and agricultural operations, that conserved energy, while using novel methods to improve production efficiencies.

Since 2000, I have been involved primarily in waste heat recovery work turning waste heat into useful steam or cooling fluids, as far away as Bangladesh. Due to their extensive fuel shortage, my work in Bangladesh drives me to further study all forms of alternative energy to identify their best uses.

One article I coauthored was for The United Nations Environmental Program – 1991 – Refrigeration, Air Conditioning & Heat Pumps, Technical Options Committee – Chapter 5 – Cold Storage & Food Processing

**What other interests or concerns do you have regarding the community?**

My concern is that HEC be able to provide customers, desiring to buy electricity from sustainable sources, a means of doing so.

**Please list any past or present community involvement e.g. City Council, Board and Commissions, Citizen Academy, etc. in Harrisonburg or elsewhere:**

Treasurer and Board, The American Frontier Culture Museum Foundation  
Board, Rockingham Memorial Hospital Foundation  
Chair, Annual Giving – RMH Foundation  
Board, Local Chapter American Cancer Society  
Member, Harrisonburg Rotary Club  
Chairman and Board, Woodrow Wilson Rehabilitation Center Foundation  
Member, JMU Honors Advisory Council  
Sponsor, JMU Senior Business Class Research into practicality of Cold Storage Business in Ghana  
Sponsor, Paid Internships at JMU CISAT

**-Please return completed application to the City Manager's Office-**

*Applicants are encouraged to attach a resume or other supporting information that may be helpful to Council in considering their application.*

409 S. Main Street, Harrisonburg, VA 22801

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