

Kenai Peninsula Borough
Office of the Borough Mayor

MEMORANDUM

TO: Peter Ribbens, Assembly President
Members of the Borough Assembly

FROM: Peter A. Micciche, Borough Mayor *PAM*

DATE: December 18, 2024

RE: Appointment to Resilience and Security Advisory Commission

Pursuant to Ordinance 2020-25, commissioners shall be appointed by the Mayor and confirmed by the Assembly.

I hereby submit my recommendations for confirmation.

RESILIENCE AND SECURITY ADVISORY COMMISSION

EAST PENINSULA

(Areas of Seward, Moose Pass, and Cooper Landing)

Philip Kaluza

Term Expires 09/30/2027

Thank you for your consideration.

Kenai Peninsula Borough
Office of the Borough Clerk

MEMORANDUM

TO: Peter A. Micciche, Borough Mayor

THRU: Robert Ruffner, Planning Director *RR*

FROM: Michele Turner, Borough Clerk *(MT)* *OK-AMM*

DATE: December 16, 2024

RE: Verification of Resilience and Security Advisory Commission Applicant

A notice of vacancy for a East Peninsula Seat on the Resilience and Security Advisory Commission was posted in the Borough Administration Building, KPB's Facebook page and KPB's website. The filing period closed on December 9, 2024.

Per Ordinance 2020-25, appointed members shall have experience in at least one of the ten areas defining the scope of the commission. Sustainability commissioners shall submit a resume with their application to be appointed by the mayor and approved by the assembly.

The attached application is submitted herewith for your consideration.

EAST PENINSULA (areas of Seward, Moose Pass, Cooper Landing)

- Philip Kaluza

cc: Land Management

Kenai Peninsula Borough Planning Department

Resilience & Security Advisory Commission Application Submitted 2024-11-14 11:28:26

Seat: East Peninsula - Term Expires 09/30/2027

Name:
Philip Kaluza
Mailing Address:
PO Box 3234 Seward, AK 99664
Residential Address (if different from mailing address):
207 Bear Dr Seward, AK 99664
Email:
pkaluza@gmail.com
Mobile:
9073606337
Home Phone:
9073606337
How long have you lived in the area served by this Resilience & Security Advisory Commission?
12
In which of the 10 areas defining the scope of the commission do you have experience?
Energy Efficiency
Comments (areas of interest, additional experience or qualifications, etc.):
Researching Heat Pump Technology

Turner, Michele

From: Phil Kaluza <pkaluza@gmail.com>
Sent: Thursday, November 14, 2024 11:36 AM
To: G_Notify_AssemblyClerk
Subject: <EXTERNAL-SENDER>RSAC renewal

CAUTION: This email originated from outside of the KPB system. Please use caution when responding or providing information. Do not click on links or open attachments unless you recognize the sender, know the content is safe and were expecting the communication.

Here is a resume for the file.

Philip R. Kaluza
PO Box 3234
Seward, AK 99664
Phone: (907) 360-6337

EXPERIENCE:

Overview:

Worked for the past 40 years both in the private sector and public on energy efficiency programs in Alaska. Over 20 years of Weatherization and cold climate homebuilding training experience throughout all of Alaska. Researcher in numerous projects ranging from indoor air quality and energy use monitoring in both rural and urban homes and multifamily structures. 17 years living in rural Alaska, providing training and technical assistance to AHFC, Housing Authorities, and individuals across the state. Projects include super-insulating an existing home, energy use monitoring and commissioning of public housing properties.

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4. State Energy Program Manager

5.

Alaska Housing Finance Corporation

1994 –2000 State Energy Program Manager: Responsibilities include prepare and manage state and federal grants and budgets, quarterly reports, develop and manage training and research contracts. Other Program Manager duties include: supervise the AHFC Home Energy Rating Program, provide technical assistance to the Low-Income Weatherization Providers and AHFC Public Housing Division, builder and consumer energy education training, and review of the Alaska Building Energy Efficiency Standards. Special projects include the development of AkWarm rating software, and indoor air quality monitoring.

Self Employed

Arctic Energy Systems

1980 – Present Owner/operator of Arctic Energy Systems, providing consulting, training, technical assistance, research, sales & service to a wide range of clients throughout Alaska. Summary of activities:

Consulting & Research Projects:

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- Monitor Heating – Sales and Service 1982 – 1992
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- Certified Home Energy Rater and certification trainer 1990 - 2011
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- Weatherization Instructor for AVTEC winters of 2011 & 2012
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- Energy Use monitoring and commissioning of Glacier View Public Housing facility 2011-2012
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- Trainer for Alaska Building Science Network: 2000 – 2009: Weatherization, Heating System Design, Ventilation, Blower Door & Pressure Diagnostics, Cold Climate Construction, Indoor Air Quality & Rural Electrical Savings.
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- City of Noorvik Energy Use monitoring: Design and install monitoring equipment for the Noorvik Community building to evaluate retrofit savings. Report on file at AHFC Research and Information Library
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- AVCP Housing Authority Ventilation Monitoring Project: Indoor air quality monitoring for four rural houses in the village of Quinhagak. Monitoring included pre and post results of installing several different ventilation systems. CO2 tracer gas tests, blower door tests, data logging of outdoor air temperature and wind speed, indoor air temperature, relative humidity, and CO2 levels. Report on file at AHFC Research and Information Library
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- Building Inspections for Bering Straits Regional Housing Authority and Alaska Legal Services.
- Included energy efficiency improvements, ventilation issues, along with various design and construction deficiency complaints.
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- Alaska Craftsman Home Program Trainer 1987-1994. Provided one and two day training statewide on Building Science, Air Tightness & Blower Door certification, Ventilation, and HOT200 computer analysis.
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- Presenter at the national Affordable Comfort Conference 1998,2002,2003,2005,2006 Energy Northwest 2000, 2004 Alaska State Homebuilders Association Annual Meeting 1999,2003,2004,2005,2006
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- Researcher on furnace sizing study to determine industry practices in sizing heating systems. Actual runtime of heating systems and outdoor temperatures are used to predict actual design heat loads. 2002 Study available at
- www.cchrc.org
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Design and Construction Experience:

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- CIAP Coordinator/Project Specialist
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Bering Straits Regional Housing Authority
 5/91 – 7/92 Coordinate Comprehensive Improvement Assessment Program. Handle assessments, grant applications, material bidding and procurement. Conduct energy saving economic analysis. Coordinate force account work crews and inspection. Annual budget \$1,000,000. As project specialist, assist executive director in design and submittal review, change orders, site inspections for new housing projects in eight villages.

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- Designed and built several super-insulated homes, currently retrofitting to super-insulation level my personal home in Seward AK.
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Post Retirement Experience 2012 - 2017:

Guest instructor for the AVTEC Construction and the Plumbing & Heating courses.

Personally designed, installed, and currently monitoring several heat pumps in Seward. EPA certified and current dealer for residential heat pumps. Strong advocate for heat pump technology in Seward Alaska including: organized a community workshop along with AVTEC and the Chamber of Commerce on heat pumps. Advocated heat pump potential to the Seward City Council and staff.

BOARDS AND COMMITTEES:

KPB Resilience and Security Advisory Commission	2023-2024
Alaska Building Science Network.- President	2003 –2005
Rural Energy Enterprises – Board of Directors	2001 - 2024
Alaska Public Interest Research Group – Board of Directors	2000 -2008
Alaska Thermal Standards Advisory Committee	1991-1992
Alaska Weatherization Policy Advisory Board	1990-1995, 2005 - Present
Governor’s Energy Policy Task Force	1986-1987

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3. EDUCATION ,CERTIFICATION & TRAINING

4.

Bemidji State University, B.S. Environmental Studies 1977
Alaska Craftsman Home Program – Certified Trainer 1987
Energy Rated Homes certified rater 1989
HRAI Residential Ventilation Trainer 1998
American Lung Assoc – Healthy Homes Trainer- 2001
Building Performance Institute certified 2010-2012