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**SPECIAL MEETING OF THE
BOUNTIFUL CITY POWER COMMISSION**
March 15, 2018 - 8:00 a.m.

Those in Attendance

Power Commission

John Cushing, Chairman
Susan Becker
Dan Bell
David Irvine
John Mark Knight, City Council Rep.
Paul Summers

Power Department

Allen Johnson, Director
Jay Christensen
Alan Farnes
Dave Farnes
Jess Pearce
Luke Veigel

City Officials

Gary Hill, City Manager
Clint Drake, City Attorney

Recording Secretary

Nancy Lawrence

Other Guests

Mason Baker, UAMPS
Jackie Coombs, UAMPS
Blaine Haacke, Murray City Power
Nate Hardy, UAMPS
Mike Nolen, NuScale

Excused

Jed Pitcher, Commissioner

WELCOME

Chairman Cushing called the meeting to order at 8:05 a.m. and welcomed those in attendance. He reviewed that the purpose of this meeting was to review the UAMPS' Carbon Free Nuclear Project. He referred to the site visit recently make by members of the Power Commission, Allen Johnson, and Alan Farnes to Corvallis, Oregon, stating that it was very informative and helpful. He then called on Mr. Baker who introduced the project.

UAMPS PRESENTATION OF CARBON FREE NUCLEAR PROJECT AND CONTRACT

Mr. Baker stated that the proposed contract is based in a cautious manner which will allow off-ramps for potential participants, should they decide to not continue in the project. The project is designed to be energy efficient, distribute generation, and is composed of small modular reactors, with an emphasis on avoiding stranded assets. UAMPS views this project as a clean energy source which will replace current carbon projects whose contracts expire by 2030 (IPP, San Juan, and Hunter).

Mr. Nolen, narrated a slide presentation which described the physical structure of the NuScale Power project, its equipment, and the manner in which energy is generated. Basically, small modular nuclear reactors are immersed in a reactor pool which provides both a coolant system and other safety systems to protect the core. The plant can operate, or shut-down and

1 self-cool, indefinitely with no AC or DC power, no additional water, and no operator action. The
2 details of the Alternate System Fail-safe concept were presented to the Nuclear Regulatory
3 Commission (NRC) in December 2012 and have since been endorsed by the NRC which has
4 published its review schedule. The total projected duration for NRC review and approval is
5 scheduled for completion in January 2021. The project differentiators are that it is simple, safe,
6 and economic.

7
8 Mr. Nolen reviewed the fuel cycle which involves the production of electricity from
9 uranium in the nuclear power reactors. He also explained how the spent nuclear fuel is stored—
10 first in the reactor building for five years, and then transferred to a cask for storage as a solid and
11 stable waste form to be transferred to a Federal Storage Facility. All of this process is a part of
12 the NRC regulation and takes a minimum amount of storage area.

13
14 Mr. Hardy explained that the team working on this project includes
15 NuScale/Fluor/Energy and Northwest, the Department of Energy/NRC, and UAMPS participants
16 and Tennessee Valley Authority (TVA). Contracts have been prepared for engineering,
17 procurement and construction, the NRC license, DOE Lease and Power Purchase Agreement,
18 and Water Rights. He briefly touched on the major points of these contracts, noting the financial
19 commitments, projected timeline, and off-ramp points. A chart showing the cost breakdown for
20 Bountiful was given based on a 20 MW commitment. At this subscription rate, Bountiful would
21 assume a cost of \$91,285 to get through licensing, to be committed by March 2017.
22 Construction costs following that would be \$142,094,275, with off-ramps in March 2018 and
23 March 2019.

24
25 Mr. Hill asked who the other participants were in addition to UAMPS and Mr. Baker
26 noted that other parties in the Northwest and Idaho have shown interest. No interest has been
27 shown from Rocky Mountain Power. In response to a question from Mr. Hill, Mr. Nolen stated
28 that water rights will be secured by the summer of 2020. The life of the project is 80 years.

29
30 Following a lengthy discussion regarding the project, Bountiful's resource package, and
31 the magnitude of this decision, Mr. Cushing thanked the group for their attendance.

32
33 **OTHER BUSINESS**

34 None

35
36 **NEXT POWER COMMISSION**

37 March 27, 2018

38
39 **ADJOURN**

40 The meeting adjourned at 10:00 a.m.

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42
43 
John Cushing, CHAIRMAN