

NATIONAL COAL COUNCIL
2015 ANNUAL SPRING MEETING
SUMMARY OF MEETING

April 8, 2015

The National Coal Council convened for its annual Spring meeting, which was held pursuant to Notice and Invitation at Grand Hyatt Hotel, 1000 H Street, NW, Washington, D.C., commencing on April 8, 2015, at 9:00 a.m. ET.

ATTENDEES

For a complete breakdown of attendance, see Appendix A.

WELCOME

Jeff Wallace, Chairman of the National Coal Council (NCC) and Vice President Fuel Services of Southern Company Services called the meeting to order and provided the Welcome Address to the group. He introduced a number of representatives from the Department of Energy (DOE) in attendance at the meeting. He went over the agenda and listed other speakers who will be speaking at the meeting, along with the titles of their presentations. He also noted that the program will conclude with the National Coal Council Business Reports.

He mentioned that the meeting is being held in accordance with the Federal Advisory Committee Act (FACA), and the Regulations that govern that Act. The meeting is open to the public. Guests from the public will have the opportunity to make comments at the end of the meeting.

He noted that a verbatim transcript of the meeting is being made, and therefore, it is important to use the microphone, and begin by stating name and affiliation.

Jeff Wallace asked for a motion to adopt the agenda. Ram Narula provided the first motion; Sy Ali provided the second motion. All in favor. No opposed.

ANTITRUST ADVISORY

Karen Bennett, with Hunton & Williams provided the Antitrust Advisory. She noted that the NCC is a Federal Advisory Committee to the Secretary of Energy, and membership confers no immunity from federal or state antitrust laws. These laws preclude any discussion of agreements or concerted actions that may be construed as restraining competition. This would include discussions in the meeting, in the hallway, in the restrooms about prices, about market practices, or any other competitive aspect of the company or business or industry. Everyone has a shared responsibility for ensuring all discussion associated with the meeting is consistent with these restraints. If anyone wants further information, the

council's antitrust policy is in the meeting packet for reference, and she is available throughout the course of the meeting to answer any questions.

U.S. DEPARTMENT OF ENERGY KEYNOTE PRESENTATION

David Mohler, the Deputy Assistant Secretary for the Clean Coal and Carbon Management with the Office of Fossil Energy at the U.S. Department of Energy provided the first keynote presentation on behalf of the Department. He went over the current updates that are happening at the Department.

Janet Gellici called for questions. Questions were received and answered.

INDUSTRY KEYNOTE PRESENTATION

Mike Marsh, the acting President and CEO with SaskPower provided the second keynote presentation. He gave an update on Operations of Boundary Dam's CCS Retrofit Project.

Janet Gellici opened the floor for questions. Questions were received and answered.

BREAK

Prior to releasing attendees for break, Janet Gellici presented Fred Palmer with a compass that reads "To Fred Palmer in appreciation for National Coal Council guidance since 1990" as an appreciation for his service to the NCC.

Attendees were released for a 30-minute break.

INDUSTRY PRESENTATIONS

Lawrence Makovich, the Vice President and Senior Advisor with IHS CERA gave the first industry presentation titled "Opportunities for Grid-Scale Energy Storage for Coal Power Plants." Janet Gellici opened the floor for questions. Questions were received and answered.

Patrick Falwell, the Solutions Fellow with Center for Climate and Energy Solutions (C2ES) and National Enhanced Oil Recovery Initiative (NEORI) gave the second industry presentation titled "Opportunities for Financing CCS Projects and the Impact of Oil Prices on CO₂-EOR." Janet Gellici opened the floor for questions. A question was received and answered.

Jonny Sultoon, the Research Director Global Coal Markets with Wood Mackenzie gave the final industry presentation titled "What Lies Ahead for Global Coal? An International Coal Market Outlook." Janet Gellici opened the floor for questions. No questions were received.

NATIONAL COAL COUNCIL BUSINESS REPORTS:

Greg Workman provided NCC Inc.'s Finance Committee Report. He reported that NCC Inc. ended up 2014 with a deficit due to unanticipated legal expenses associated with the termination of a former NCC Inc. employee and that the shortfall will continue into 2015 due to the continuing litigation.

Fred Palmer provided the NCC's Coal Policy Report. He mentioned the Fossil Forward study.

Janet Gellici provided the NCC's Communications Report. She stated that the Committee is finalizing the new website, and comments and feedback are welcome. She also reported that the Committee is developing a series of fact sheets for the Fossil Forward study.

No Governance Issues were reported.

PUBLIC COMMENT PERIOD

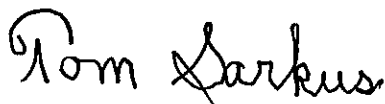
In compliance with FACA requirements for this meeting, Janet Gellici noted that this meeting is duly authorized and publicized, and is open to the public. The public can submit comments to the Department of Energy, or if the individual wishes to speak, they may do so at this meeting.

No comments were made.

ADJOURNMENT

The meeting adjourned at 12:43 p.m.

I hereby certify that, to the best of my knowledge, the foregoing minutes are accurate and complete. The minutes were completed after-the-fact based on the transcription of the Fall 2016 National Coal Council Annual Meeting.

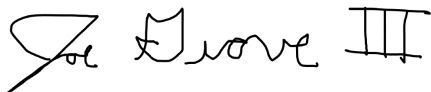


Thomas Sarkus

11/17/2020

Deputy Designated Federal Officer #1

National Coal Council



Joseph Giove III

11/18/20

Deputy Designated Federal Officer #2

National Coal Council

APPENDIX A – ATTENDEES

Council members present

Thomas Adams

Sy Ali

Barbara D. Altizer

Tom Altmeyer

Tobyn Anderson

Rodney Andrews

Shannon Angielski

Adriana Arevalo

Carol Bailey

Mitchel Baer

Richard Bajura

Karen Bennett

Bob Bibb

Judy Bird

David Boyd

Lisa JN Bradley

F. William Brownell

Frank Burke

Ted Chaconas

Desmond Chan

Robert Ciavarella

Todd Cunningham

Ken Dietzel

Joseph Divoky

Edward Dodge

Ted Doheny

George Duggan

Mike Duncan

Michael Durham

Amy Ericson

Patrick Falwell
Alex Fassbender
David Flannery
Mark Fraley
Julio Friedmann
Jon Gallinger
Paul Gatzemeier
Robert Gee
Janet Gellici
Sheila Glesmann
Pamela Green
Richard Hall
Clark Harrison
Abby Harvey
Robert Hershey
Robert Hilton
Clarence Hopf
Chris Jenkins
Casey Kaptur
Michael Kennedy
Alison Kerester
Norman Kettenbauer
Ehsan Khan
Holly Krutka
Mollie Lambert
Richard Lopriore
Bill Loveless
Richard Lynch
Lawrence Makovich
Mike Marsh
George McClellan
Michael McKenna

Gregory Merle
Jeff Miller
Rafic Minkara
David Mohler
Nancy Mohn
Betsy Monseu
Clark Mosely
Michael Mueller
Ram Narula
Betsy Natz
Kenneth Nemeth
Jerry Oliver
Brian Osborne
Roland Otte
Fredrick Palmer
Andrew Paterson
Alma Paty
Caryl Pfeiffer
Carole Plowfield
Jeff Price
Robert Puissant
Robert Purgert
Massood Ramezan
Divya Reddy
Mark Riedy
Dawn Santoianni
Todd Savage
Mark Schoenfield
Kenni Shaw
Deck Slone
Michael Sorensen
Mark Stemm

Skip Stephens

Vicky Sullivan

Jonny Sultoon

Diane Teigiser

Pamela Tomski

Sharon Tucker

Jeff Wallace

Kathy Walton

John Ward

Richard Whiting

Robert Williams

Greg Workman

Robert Wright