

RYAN, RUSSELL, OGDEN & SELTZER
A PROFESSIONAL CORPORATION

SUITE 210
1150 BERKSHIRE BOULEVARD
WYOMISSING, PENNSYLVANIA 19610-1208

TELEPHONE: 610-372-4761
FACSIMILE: 610-372-4177
WWW.RYANRUSSELL.COM

HARRISBURG OFFICE
SUITE 101
800 NORTH THIRD STREET
HARRISBURG, PENNSYLVANIA
17102-2025
TELEPHONE: 717-236-7714
FACSIMILE: 717-236-7816

January 2, 2008

Administrative Law Judge Michael Nemec
Administrative Law Judge Mark Hoyer
1103 Pittsburgh State Office Bldg.
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

Re: Application of Trans-Allegheny Interstate Line Company for (i) A Certificate of Public Convenience to Offer, Render, Furnish and/or Supply Transmission Service in the Commonwealth of Pennsylvania; (ii) Authorization and Certification to Locate, Construct, Operate and Maintain Certain High Voltage Electric Transmission Lines and Related Electric Substation Facilities; (iii) Authority to Exercise the Power of Eminent Domain for the Construction and Installation of Aerial Electric Transmission Facilities Along the Proposed Transmission Line Routes in Pennsylvania; (iv) Approval of an Exemption from Municipal Zoning Regulation with Respect to the Construction of Buildings; and (v) Approval of Certain Related Affiliated Interest Arrangements: Docket Nos. A-110172, A-110172F0002, A-110172F0003, A-110172F0004 and G-00071229

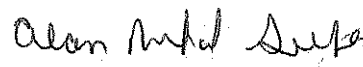
Dear Judges Nemec and Hoyer:

It has come to our attention that TrAILCo Rebuttal Exhibit TG-1 – the resume of witness Tim Gaul – was inadvertently omitted from the materials provided to you and the parties on December 10, 2007. To rectify this situation, I am attaching a copy of TrAILCo Rebuttal Exhibit TG-1 and serving it upon the parties.

We apologize for any inconvenience this may have caused. If you have any questions, please contact me.

Very truly yours,

RYAN, RUSSELL, OGDEN & SELTZER P.C.



Alan Michael Seltzer

AMS:jab

c: Per Certificate of Service

TIM GAUL
Sr. Environmental Scientist
Manager, Transmission Services
Manager, GIS

Education

M.S., Biology, Creighton University, 2000

B.S., Environmental and Forest Biology, SUNY College of Environmental Science and Forestry at Syracuse University, 1997

Registrations/Certifications

Wetland Delineation and Management Training Course - U.S. Army Corp. of Engineers (ACOE) - approved - 2002

Native American Fish and Wildlife Society, Certificate of Appreciation (2003)

Professional Overview

Mr. Gaul is an environmental scientist with an interdisciplinary background in forest ecology, aquatic biology, and GIS sciences. He specializes in landscape level environmental assessment and modeling, natural resource inventory, hydrologic analyses, and GIS analysis in support environmental planning and compliance efforts. He has experience conducting a range of environmental studies for federal agencies including: watershed analyses, environmental assessments (EAs), environmental impact statements (EISs), ecological risk assessments, natural resource inventories, and utility and transportation analyses. He is trained in a variety of field techniques including wetland delineation and vegetation and forest type characterization. Throughout his training and experience, Mr. Gaul has incorporated the use of computer technology in the form of GIS, statistical software packages, environmental modeling, and graphic arts applications to produce advanced analyses and high quality presentations.

Mr. Gaul has worked with numerous Federal agencies including the Forest Service, Environmental Protection Agency, National Park Service, Bureau of Indian Affairs, Bureau of Land Management, Department of Defense, and Army Corps of Engineers. He has managed or served as team leader for numerous projects including: Utility Route Evaluation Reports, Macrocorridor Studies, Environmental Baseline Studies, Roads Analyses (RAPs), watershed management plans and assessments (including Ecosystem Analysis at the Watershed Scale), and NEPA compliance efforts (EAs and EISs).

Selected Project Experience

Power Utilities

Trans Allegheny Interstate Line (TrAIL) Line Routing Study and Environmental Analysis – In June, 2006, PJM Interconnection approved an expansion plan calling for the construction of a new 500-kilovolt transmission line from Southern PA to Northern Virginia within the next 5 years. Mr. Gaul is currently managing the routing study and environmental effects analysis for the 220 mile 500kV TrAIL project. He is responsible for daily client contact, organizing and facilitating data gathering efforts, managing staff allocation, budgets, and schedule, GIS model development, and managing all line route evaluation efforts.

Environmental Assessment of a transmission line proposed by South Carolina's Central Electric Power Cooperative to cross the Santee River delta and serve the town of McClellanville, South Carolina. Lead the preparation of a least- cost corridor modeling effort, macrocorridor study preparation, and coordination with the Rural Utilities Service for siting of the transmission line across the Francis Marion National Forest.

TrAILCo Rebuttal Exhibit TG-1

FirstEnergy Route Screening Study. Served as Assistant Project Manager for a 30 mile 115 kV Route Screening Study in PA. This study included the preliminary siting of 5 substations and 30 miles of transmission lines in an area with significant recreation use and residential development.

U.S. Forest Service

Thunder Basin National Grassland, Wyoming. Project manager and GIS specialist for a Roads Analysis for the Thunder Basin National Grassland, Wyoming, in accordance with FS-643, *Roads Analysis: Informing Decisions About Managing the National Forest Transportation System*. Served as facilitator for all interdisciplinary meetings, conducted the road valuation and risk analysis, and compiled a database for tracking risk and value rankings for each maintenance level 3 and higher road on the National Grassland.

Valle II Project EA (Proposed restorative treatment of the forests of the Cerro Grande Fire area) on the Santa Fe National Forest, New Mexico. Responsible for mapping and analysis of GIS information relative to areas under consideration for fire management activities.

Land and Resource Management Plan Amendment and EA for the Lincoln National Forest in New Mexico. Deputy Project Manager for the Land and Resource Management Plan Amendment and EA for the Lincoln National Forest in New Mexico. The Lincoln NF proposes to amend its Forest Plan to meet current Federal wildland fire management policy, direction, and terminology. Proposed changes to the Forest Plan include allowing for the use of wildland fire for resource benefit, removing the option to use wildland fire in areas containing wildland/urban interface (WUI), allowing for prescribed fire in wilderness, and requiring suppression of all human-caused ignitions.

Roads Analysis Process (RAP) Report for the decommissioning of the Navy's Extremely Low Frequency (ELF) Transmitter on the Chequamegon National Forest, northern Wisconsin. Managed the analysis, modeling, and preparation of the RAP report, lead agency meetings for individual road risk and value assessments, and served as technical representative for the RAP at public scoping meetings.

Uwharrie National Forest (North Carolina) Roads Analysis Process Report. Managed the production of the Uwharrie National Forest (North Carolina) Roads Analysis Process Report, in accordance with FS-643, *Roads Analysis: Informing Decisions About Managing the National Forest Transportation System*. Responsible for agency coordination, oversight and review of all analyses, preparation of the risk and value analysis, and assessment of hydrologic condition, aquatic communities, and forest resource access.

Environmental Assessment for Herbicide Treatments on the Long Cane Ranger District of the Sumter National Forest in South Carolina. Managed the preparation of an Environmental Assessment for Herbicide Treatments on the Long Cane Ranger District of the Sumter National Forest in South Carolina. For this analysis, major concerns focused on the indirect effects of herbicide treatments on wildlife, migratory bird use of regeneration sites, and forest composition effects.

Cullasaja Falls Recreation Improvement Project Biological Inventory and Assessment on the Nantahala National Forest, North Carolina. Served as deputy project manager for the Cullasaja Falls Recreation Improvement Project Biological Inventory and Assessment on the Nantahala National Forest, North Carolina. Responsible for project management of field surveys, analysis and assessment of wildlife and aquatic inventory analysis.

Bethesda Analysis Area Environmental Assessment on the Enoree Ranger District of the Sumter National Forest, South Carolina. Project manager for the preparation of the Bethesda Analysis Area Environmental Assessment on the Enoree Ranger District of the Sumter National Forest (South Carolina). Also responsible for preparation of the analyses of timber and vegetation management effects on forest vegetation, soil, and visual and noise resources.

Lower Enoree Watershed Assessment, South Carolina. This analysis included three separate analyses including; an ecosystem analysis, hydrologic condition analysis, and roads analysis all performed at the

TrAILCo Rebuttal Exhibit TG-1

watershed scale. Responsible for the assessment of forest conditions, water quality analyses, and managing the preparation of the Hydrologic Condition Analysis and Roads Analysis.

Little Mountain Analysis Area EA on the Long Cane Ranger District of the Sumter National Forest, South Carolina. Responsible for preparation of the analyses of timber and vegetation management effects on forest vegetation, soil, and visual and noise resources.

EA for proposed modifications of Forest Highway 50 on the Pisgah National Forest, North Carolina. Major concerns focused on soil and water issues related to paving or not paving several portions of an 8 mile stretch of FS road. Conducted a field survey to support the modeling and assessment of erosion and sediment input to streams adjacent to the proposed road paving and maintenance operations. Analyses concerning soil erosion and water yield estimates will utilize the Forest Service Water Erosion Prediction Project Model (WEPP).

EA for the Land Between the Lakes open area vegetation management plans, Kentucky. Conducted analyses of water quality and aquatic community concerns, and performed analyses using the Soil and Water Assessment Tool (SWAT) model.

Little Muskingum Watershed Assessment, Wayne National Forest, Ohio. Responsible for inventory and assessment of forest vegetation and structure and technical support for analyses of water quality, aquatic community, and hydrologic conditions analyses.

Pine Creek Watershed Assessment, Wayne National Forest, Ohio. Responsible for inventory and assessment of forest vegetation and structure, analyses of water quality, aquatic communities. Provided GIS support through ortho-photo rectification, remote sensing, and land cover identification.

Shaver's Fork Watershed Assessment, Monongahela National Forest, West Virginia. Responsible for inventory and assessment of forest vegetation and structure and technical support for analyses of water quality, aquatic community, and hydrologic condition analyses.

Wayne National Forest (Ohio) Prescribed Fire Program Environmental Assessment, Ohio. Mapped and analyzed prescribed fire area boundaries, and planned and coordinated with both FS personnel and field personnel regarding property boundaries and required T&E survey boundaries.

EIS on oil and gas leasing in the Finger Lakes National Forest, New York. Responsible for mapping and assessing impacts associated with the various leasing alternatives. In addition to mapping and GIS based natural resource analyses, he supported the assessment of potential noise and visual impacts.

National Park Service

Water Resource Scoping Report for the Denali National Park and Preserve, Alaska. The report provides an overview of water-related legislation, summarizes the hydrologic environments in the park, and identifies and provides an analysis of high-priority water resource issues and management concerns. Project responsibilities included project management, researching and identifying water resources issues relating to hydrology, development impacts, scoping meeting facilitation, and GIS analyses.

EA for Wrangell-St. Elias National Park and Preserve, Alaska. The proposed project would establish the first and only formal NPS campground in the park. The campground is located on sensitive wetland habitat along a lakeshore, which required analysis of classification of vegetation types from infrared imagery and available botanical studies to determine wetland impacts.

Environmental Assessment to support rehabilitation efforts on the Roosevelt Ice Pond Dam in Hyde Park, New York. For this project he was responsible for project management and GIS analyses and modeling. GIS activities for this project included general mapping and efforts to determine peak flows for development of appropriate dam rehabilitation methods.

TrAILCo Rebuttal Exhibit TG-1

Environmental Assessment to support rehabilitation efforts on the Val Kil pond in Hyde Park, New York. For this project he was responsible for both project management and GIS analyses and modeling. GIS activities for this project included general mapping and review of historical imagery to assess changes in pond size and structure over time.

Potomac Gorge Wetland Inventory, Mapping, and Characterization Project, a joint venture between the Nature Conservancy and the National Park Service. Identified wetlands from satellite imagery and performed field inventory of the type and vegetation composition of all identified wetlands within the Potomac Gorge (which forms the boundary between Maryland/D.C. and Virginia).

Delaware Water Gap National Recreation Area McDade Trail Environmental Assessment Amendment and Monitoring Plan, Pennsylvania. Responsible for TR55 modeling and hydrologic analysis in support of culvert design and sediment and erosion control design efforts.

Environmental Assessment for the Mount Rushmore 4th of July Fireworks Program, South Dakota. Responsible for analyses of vegetation and fire risk, noise, and all GIS mapping and analysis.

EA for the Blue Ridge Parkway, regarding reconstruction of a bridge and other Park facilities and restoration of eroded areas at the Otter Creek Campground in Amherst County, Virginia. The current bridge design results in debris buildup and flooding during severe storm events, causing massive stream bank erosion and subsequent sedimentation of Otter Creek and Otter Lake downstream, loss of riparian areas, and threatens visitor health and safety, as well as the stability of Park structures. High waters also flood a nearby sewage system, causing untreated wastewater to be discharged into the Creek. Analyzed impacts of the alternatives on air quality, the sanitation system, land use, and impacts from construction noise on park operations and resources.

EA for the NPS Denver Service Center that analyzed the construction and operation of a new Corinth Civil War Interpretive Center in Corinth, Mississippi, to be operated and maintained as part of the Shiloh National Military Park, Tennessee. Responsible for the analysis of noise impacts from the proposed construction and operation of the interpretive center. This resource was of particular concern due to the potential of activities to affect a nearby elementary school and daycare center.

Fish and Wildlife Service

GIS database development, mapping, and training for the Chassahowitzka Refuge Complex, Florida. Provided introductory and advanced training in GIS to the Chassahowizka Refuge Complex, which includes the Chassahowizka, Crystal River, Egmont Key, Passage Key, and Pinellas Refuges. A custom training curriculum was developed to coincide with the needs of the refuges' CCP planning process. Additional tasks included the development a GIS database for the refuge and creation of maps for the final CCP.

Army Corps of Engineers

Missouri River Restoration Management Plan and EIS – Currently supporting the USACE in development of a research compendium and ecological restoration model for the Missouri River.

Upper Turkey Creek Feasibility Study – Technical lead for the Upper Turkey Creek Flood Damage Reduction and Ecological Restoration Feasibility Study. Managed field assessments, ecological restoration treatment planning, and ecological restoration report preparation.

South Dakota Title VI Land Transfer EIS for the U.S. Army Corps of Engineers, Omaha, Nebraska District. This project involved a Congressional mandate for the transfer of Federal lands to the State of South Dakota for recreation and wildlife management purposes, and to several Native American Tribes. Acted as the team lead for GIS mapping and data analysis, and was also responsible for the analysis and assessment of potential visual impacts.

Tribal Experience

Environmental Assessment to support the development of a Forest Management Plan for Naragansett Indian Tribe of Rhode Island. For the Naragansett (a Category 4 – Minimally Forested Reservation), forest planning centers around management of forest resources for firewood, wildlife, culturally significant species, and protection of forest resources from insects and disease. For this project, GIS analysis primarily focused on correlation of forest inventory data with Tribal land use patterns to determine appropriate management prescriptions for different land areas.

Forest Management Plan and associated Environmental Assessment for the Mississippi Band of Choctaw Indians. For the Choctaw (a Category 1 – Major Forested Reservation), forest planning centers around multiple use management of forest resources for timber production, recreation, and protection of forest resources from insects and disease. For this project, GIS analysis correlates forest inventory data with Tribal land use patterns, recent imagery, and for developing appropriate management strategies for the 7 major communities that comprise the Mississippi Band of Choctaw lands.

Local Governments/Agencies

District of Columbia Comprehensive Plan Environmental Baseline Report – Technical Lead for preparation of the Environmental Baseline Report supporting the District of Columbia’s Comprehensive Plan.

Nottawasaga and Lake Simcoe Target Load Study - Lake Simcoe Regional Conservation Authority. Served as team lead for the Lake Simcoe and Nottawasaga River phosphorous load target setting study. Supported the development of a phosphorus target setting strategy for a rapidly developing watershed north of Toronto, CA. Regularly presented results and status to the Project Technical Advisory Committee comprised of local municipality leaders in Ontario, managed GIS analysis efforts, and lead the production of the final report.

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

IN RE: APPLICATION OF TRANS-ALLEGHENY	:	
INTERSTATE LINE COMPANY FOR	:	
(I) A CERTIFICATE OF PUBLIC CONVENIENCE	:	
TO OFFER, RENDER, FURNISH AND/OR	:	
SUPPLY TRANSMISSION SERVICE IN THE	:	
COMMONWEALTH OF PENNSYLVANIA;	:	
(II) AUTHORIZATION AND CERTIFICATION	:	
TO LOCATE, CONSTRUCT, OPERATE AND	:	Docket Nos. A-110172
MAINTAIN CERTAIN HIGH VOLTAGE ELECTRIC	:	A-110172F0002
TRANSMISSION LINES AND RELATED ELECTRIC	:	A-110172F0003
SUBSTATION FACILITIES; (III) AUTHORITY	:	A-110172F0004
TO EXERCISE THE POWER OF EMINENT	:	G-00071229
DOMAIN FOR THE CONSTRUCTION AND	:	
INSTALLATION OF AERIAL ELECTRIC	:	
TRANSMISSION FACILITIES ALONG THE	:	
PROPOSED TRANSMISSION LINE ROUTES	:	
IN PENNSYLVANIA; (IV) APPROVAL OF AN	:	
EXEMPTION FROM MUNICIPAL ZONING	:	
REGULATION WITH RESPECT TO THE	:	
CONSTRUCTION OF BUILDINGS; AND	:	
(V) APPROVAL OF CERTAIN RELATED	:	
AFFILIATED INTEREST ARRANGEMENTS	:	

CERTIFICATE OF SERVICE

I hereby certify that I have this day served a true copy of TrAILCo Rebuttal Exhibit TG-1 upon the persons listed below in accordance with the requirements of 52 Pa. Code Section 1.54 (relating to service by a participant).

Service via Electronic Mail & First Class Mail, postage prepaid, as follows:

Office of Small Business Advocate
Suite 1102, Commerce Building
300 North Second Street
Harrisburg, PA 17101

Dianne E. Dusman
Senior Assistant Consumer Advocate
Darryl Lawrence, Esquire
Jennedy E. Santolla
Assistant Consumer Advocate
Office of Consumer Advocate
555 Walnut Street
Forum Place, 5th Floor
Harrisburg, PA 17101-1923

Derrick Price Williamson
McNees Wallace & Nurick LLC
P.O. Box 1166
100 Pine Street
Harrisburg, PA 17108-1166
Counsel for West Penn Power
Industrial Intervenors

Bradley C. Bechtel, Assistant Counsel
Pennsylvania Game Commission
2001 Elmerton Avenue
Harrisburg, PA 17110-9797
Counsel for PGC

Theodore J. Gallagher, Esquire
 NISource
 Southpointe Industrial Park
 501 Technology Drive
 Canonsburg, PA 15317
 Counsel for Columbia Gas Transmission
 Corp. and Columbia Gas of PA, Inc.

Willard Burns, Esquire
 Pepper Hamilton LLP
 500 Grant Street, 50th Floor
 Pittsburgh, PA 15219
 Counsel for Energy
 Conservation Council of PA

David J. Fasulo, Esquire
 Houston, Harbaugh, P.C.
 Three Gateway Center, 22nd Floor
 401 Liberty Avenue
 Pittsburgh, PA 15222

Richard DiSalle, Esquire
 Rose, Schmidt, Hasley & DiSalle,
 L.L.C.
 1125 Oliver Building
 535 Smithfield Street
 Pittsburgh, PA 15222
 Counsel for Multiple Land Owners

Thomas T. Niesen, Esquire
 Thomas, Thomas, Armstrong & Niesen
 212 Locust Street, Suite 500
 P.O. Box 9500
 Harrisburg, PA 17108-9500
 Counsel for PREA/AEC

Administrative Law Judge
 Michael Nemec
 Pennsylvania Public Utility
 Commission
 1103 Pittsburgh State Office Building
 300 Liberty Avenue
 Pittsburgh, PA 15222

Farley Toothman
 Solicitor – Litigation
 Board of Commissioners
 93 E. High Street
 Waynesburg, PA 15370

Adam L. Benshoff, Esquire
 McNeese Wallace & Nurick LLC
 P.O. Box 1166
 100 Pine Street
 Harrisburg, PA 17108-1166
 Counsel for West Penn-Power
 Industrial Intervenors

Daniel Clearfield, Esquire
 Wolf, Block, Schorr and Solis-Cohen
 LLP
 213 Market Street, 9th Floor
 P.O. Box 865
 Harrisburg, PA 17108-0865
 Counsel for Columbia Gas
 Transmission
 Corp. and Columbia Gas of PA, Inc.

Administrative Law Judge
 Mark M. Hoyer
 Pennsylvania Public Utility
 Commission
 1103 Pittsburgh State Office Building
 300 Liberty Avenue
 Pittsburgh, PA 15222

Charles Daniel Shields
 Senior Prosecutor, Office of Trial Staff
 Robert V. Eckenrod, Prosecutor
 Commonwealth of Pennsylvania
 Pennsylvania Public Utility Commission
 P.O. Box 3265
 Harrisburg, PA 17105-3265

Randall B. Palmer, Esquire
 Allegheny Energy
 800 Cabin Hill Drive
 Greensburg, PA 15601

Honorable H. William DeWeese
 Attn: Tara Smith, Esquire
 P.O. Box 110
 Main Capitol Building
 Harrisburg, PA 17120-2050

Tad Berger, Esquire
 2104 Market Street
 Camp Hill, PA 17011

Mary J. Drewitz, Esquire
 26 South Main Street, Suite 200
 Washington, PA 15301

Mr. Robert L. Morris
 210 Roberts Road
 Eighty Four, PA 15330

George W. Reid
 c/o Darrell J. Reid
 131 Lutes Road
 Finleyville, PA 15332

James R. & Patricia Blockinger
 112 West Patterson Road
 Eighty Four, PA 15330

Becky & J.R. Sullivan
 931 Thomas – 84 Road
 Eighty Four, PA 15330

Gina M. D'Alfonso, Esquire
 Office of Chief Counsel
 Department of Transportation
 P.O. Box 8212
 Harrisburg, PA 17105-8212

Dated: January 2, 2008

Alan Michael Seltzer

W. Edwin Ogden, Esquire
 Alan Michael Seltzer, Esquire
 RYAN, RUSSELL, OGDEN & SELTZER P.C.
 1150 Berkshire Boulevard, Suite 210
 Wyomissing, Pennsylvania 19610-1208
 610-372-4761

Attorneys for Trans-Allegheny Interstate
 Line Company