

RESUME OF
COHEN, DIPPELL AND EVERIST, P.C.

CONSULTING ENGINEERS
RADIO AND TELEVISION

DECEMBER 2018

SERVING THE
BROADCAST INDUSTRY SINCE 1937

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COHEN, DIPPELL AND EVERIST, P.C.

CONSULTING ENGINEERS

RADIO-TELEVISION

INTRODUCTION

The present firm of Cohen, Dippell and Everist, P.C. is a consulting engineering firm in the field of communications. This firm and its predecessors have been in business for more than seventy years, having had offices in the Munsey Building, Washington, D.C. from 1937 to September, 1979; 1015 15th Street, N.W. from 1979 to 1989, 1300 L Street, N.W., Suite 1100 from 1989 to 2010, and at present, located at 1420 N Street, N.W., Suite One, Washington, D.C. 20005. This firm is the only communications consulting engineering firm located in Washington, DC (just blocks away from the Federal Communications Commission). Donald G. Everist, a registered professional engineer, is President and Secretary. Julius Cohen, past president, retired from the partnership on December 31, 1992 and served as Chairman Emeritus until his passing on May 2, 1993. Ralph E. Dippell, Jr. remained active in the firm until his passing on October 30, 1992.

Julius Cohen was initially employed by Page and Davis, Consulting Engineers. The company's name changed to George C. Davis in 1942. Julius Cohen and Ralph E. Dippell, Jr., were employed by the firm, George C. Davis Consulting Engineers, before becoming partners in 1956. George C. Davis, the senior partner, retired in January, 1970. From 1970 to January, 1973, Julius Cohen and Ralph E. Dippell, Jr. continued operating the firm under the name Cohen and Dippell, at which time Cohen and Dippell, P.C. was formed. Donald G. Everist, an employee of that firm and its predecessor since February, 1961, joined the Corporation in January, 1973. In January 1988, the corporate name was changed to Cohen, Dippell and Everist, P.C.

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SERVICES PROVIDED

This firm provides professional engineering services to AM (both medium and high frequency) and FM radio broadcast stations and television stations, and wireless services together with microwave, MDS, ITFS, cellular radio, CATV systems and experimental authorizations, and to applicants for such facilities before the United States Federal Communications Commission. This firm is available to provide expert engineering testimony in formal hearings before the FCC administrative law judges, and other governmental bodies such as civil courts, city counsels, and zoning boards.

Besides our extensive U.S. practice, over the past thirty years, a number of our clients have been outside of the U.S.A. where our expertise also covers L.F., M.F., H.F., VHF, UHF, and microwave systems.

DOMESTIC

Our firm also maintains a number of computers, computer databases, and customized software for propagation and frequency studies. We have capabilities of developing computer programs for this firm's use to assist our clients for specific engineering projects. For example, the allocation analysis can be performed using the FCC OET Bulletin No. 69 dated February 6, 2004 and the FCC supplemental processing guidelines dated August 1998. The program used is the FCC Longley-Rice model code modified for an Intel computer with the Windows XP operating system. The results of this adapted program have been compared to other known FCC studies and have been found to give comparable results.

Another phase of our activity includes preparation of engineering exhibits for submission to the FCC. This work includes the provision of engineering advice in numerous related areas of activity; such as equipment studies and recommendations (new and used), appraisal for prospective buyers or existing operators, presenting testimony for FAA approval, studies for microwave and wireless systems and frequency studies for potential new types of communications. This firm

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provides radiofrequency field strength measurements and RF spectrum, interference and power density studies for all types of stations. Radio frequency-power density computations and measurements are routinely undertaken by this office using state-of-the-art survey and field strength meters.

Another phase of our activity concerns the planning and design of facilities for AM, FM, and TV broadcast stations (Part 73), and wireless services (Part 27 and Part 101) including preparation of engineering exhibits for submission to the FCC. This work includes providing engineering advice in numerous related areas of activity such as equipment studies and evaluations (new and used), appraisal for prospective buyers or existing operators, presenting testimony for FAA approval, studies for microwave (Parts 74 and 90) and communications systems and frequency studies for potential new types of communications. The firm provides services for proof-of-performance on AM, FM and TV stations, field strength measurements, spectrum, interference and energy-level studies for all types of broadcast stations and related communication systems.

In the AM broadcast field, the firm's services consist of the design of multi-element antenna systems to meet FCC Rules and Regulations, and the adjustment and proof-of-performance thereof, to demonstrate compliance with the FCC authorization. This office has received FCC approval for more than two hundred such systems in the United States. The firm provides engineers to make field intensity measurements for the determination of measured coverage, conductivity, antenna efficiency, and the transmitter site location. Detailed studies of coverage and interference between broadcast stations, both groundwave and skywave, are provided. Service of professional grade regarding maintenance and repair of directional antennas is also provided.

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INTERNATIONAL

The firm has performed technical planning services in Mexico, Panama, Israel, Venezuela, Netherlands Antilles, Bophuthatswana, Swaziland, Lesotho, Transkei, Republic of South Africa, Sri Lanka, Haiti and the United Kingdom.

PERSONNEL

Donald G. Everist is a registered professional engineer and a graduate of a recognized engineering school. Other members of our staff include secretarial, drafting and computer departments.

The individual resume of Donald G. Everist is attached hereto.

There also follows a list of companies and some of the broadcasting stations for whom we have performed professional engineering services.

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RESUME FOR DONALD G. EVERIST

Donald G. Everist is a graduate electrical engineer, a registered professional engineer in the District of Columbia (Registration Number 5714) continuously since February 1967, and is President and Secretary of the firm of Cohen, Dippell and Everist, P.C., Consulting Engineers, Radio-Television, with offices at 1420 N Street, N.W., Suite One, Washington, D.C. 20005. He is a member of the Institute of Electrical and Electronic Engineers, National Society of Professional Engineers, Illinois Society of Professional Engineers, and a member and past president of the Association of Federal Communications Consulting Engineers.

He was the Chairman of the AM Broadcasting Service Working Group preparatory to the 1979 World Administrative Radio Conference and Industrial delegate for the United States to the International Telecommunications Union Regional Administrative Medium Frequency Broadcasting Conference in Buenos Aires, Argentina. He was the Chairman of TF:F Planning Methods; was a U.S. delegate on the Fourth Panel of Experts meeting in Geneva, Switzerland; was Chairman of the Working Group on Inventories, Incompatibilities, Negotiations and Strategy to the Advisory Committee, all preparatory to the Second Session of the Regional Administrative MF Broadcasting Conference for Region 2 (Western Hemisphere) held in Rio de Janeiro, Brazil. He was an industrial delegate for the United States to the Regional Administrative Radio-Conference (BC-R21) sponsored by the International Telecommunications Union in Geneva, Switzerland. He was an industrial delegate for the United States for the CCIR Joint Interim Working Party 8-10/1 Meeting in Helsinki, Finland.

November 2002 - Present

President and Secretary

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January 1993 - October 2002

President, Cohen, Dippell and Everist, P.C.

January 1988 - December 1992

Secretary-Treasurer of Cohen, Dippell and Everist, P.C.

January 1973 to December 1987

Formation of Corporation, Cohen and Dippell, P.C., with Donald G. Everist as Secretary-Treasurer.

January 1970 to January 1973

Engineer with the firm of Cohen and Dippell.

1961 to 1970

He was employed by George C. Davis, Consulting Engineers, Radio-Television.

During this time his responsibilities included AM, FM and TV interference and allocation studies, microwave and CATV systems; the design and adjustment of multi-element directional antenna systems for the broadcast field; field strength surveys for AM, FM and TV broadcast stations; and preparation of exhibits for submission before the Federal Communications Commission for construction permits, license and license renewal.

1956 to 1961

Attended Western Illinois University for two years in pre-engineering. Attended from 1958 to 1961 and received a BSEE from the University of Illinois.

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**PARTIAL LIST OF COMPANIES AND BROADCAST SYSTEMS
FOR WHICH COHEN, DIPPELL AND EVERIST, P.C. HAVE
PROVIDED OR NOW PROVIDE ENGINEERING SERVICES**

Abell Communications Corp.

WCFI(FM), Daytona Beach and WCRJ-AM-FM, Jacksonville, both Florida;
WMAR-FM-TV, Baltimore, Maryland; WTJZ(AM), Newport News and
WNVZ(FM), Norfolk, Virginia

ACT III Broadcasting Inc.

WNRW(TV), Winston-Salem, North Carolina

Allbritton Communications Co.

WCFT-TV, Birmingham/Tuscaloosa and WJSU-TV, Anniston/Birmingham, both
AL; KATV(TV), Little Rock, AR; WJLA-DT and WJLA-TV, Washington, DC;
KTUL(TV), Tulsa, OK; WHTM-TV, Harrisburg, PA; WCIV(TV), Charleston, SC;
and WSET-TV, Lynchburg, VA

American Electric Power

Andrew Corporation

Beck-Ross Communications, Inc.

WHCN(FM), Hartford, Connecticut, WKMF and WGMZ(FM), Flint, Michigan;
WGLI, Babylon and WGLI(FM), Patchogue, New York; WKTZ(FM), Jacksonville,
Florida

PARTIAL LIST OF COMPANIES AND BROADCAST STATIONS
(CONT)

Benedek Broadcasting Co.

WTRF-TV, Wheeling, West Virginia

Bethune-Cookman College

Block Communications

KTRV(TV), Nampa, Idaho; WDRB-TV, Louisville, Kentucky; WLIO(TV), Lima, Ohio, WMYO, Salem, Indiana

Boeing Company

Boise State University

Booth American Co.

WXMG(FM), South Bend, Indiana; WJLB(FM), Detroit, Michigan and WSGW(AM)-WIOG(FM), Saginaw, both Michigan; WSAI AM-FM, Cincinnati, WZZP(FM), Cleveland, Ohio and WTOD(AM)-WKLR(FM), Toledo, Ohio

Botanical Garden

Braden Stations

WPFB-AM-FM, Middletown and WPAY-AM-FM, Portsmouth, Ohio

Brechner Management Co. - WMDT - KTKA

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(CONT)

Bride Broadcasting, Inc.

WJBQ(FM), Scarborough, WMER(AM), Westbrook, Maine; and WMBA(AM),
Ambridge, Pennsylvania Brigham Young University

Brigham Young University

KBYU-FM & KBYU-TV, Provo, Utah

Broadcasting Partners of Charlotte, Inc.

WPEG, Concord, North Carolina

Brown Broadcasting Service, Inc.

WBRU(FM), Providence, Rhode Island

Cannell Communications L.P.

WHNS(TV), Asheville, North Carolina; WUAB(TV), Lorain, Ohio and KPDX(TV),
Vancouver, Washington

Capital Radio and Music Holdings - Transkei, South Africa

Capitol Broadcasting Co. Inc.

WJZY(TV), Charlotte, WRAL(FM), Raleigh, WRAL-DT, Raleigh, WRAZ-DT &
TV, Raleigh and WRAL-TV, Raleigh, all North Carolina; WMYT-TV, Rock Hill,
South Carolina

Caterpillar, inc., Peoria, Illinois

PARTIAL LIST OF COMPANIES AND BROADCAST STATIONS
(CONT)

CCA Electronics Corporation

Central Michigan University

WCMU-FM and TV, Mt. Pleasant, Michigan; WCML, Alpena, Michigan

Central Virginia Educational Television Corporation (CVETC) [now Commonwealth Public Broadcasting. Corp.]

WNVC(TV), Fairfax; WNVT(TV), Goldvein; WCVE-TV and WCVW, Richmond; and WHTJ, Charlottesville, all in Virginia

Chester County Broadcasting Co.

WCOJ, Coatesville, Pennsylvania

Christian Communications of Chicagoland, Inc. (KTLN)

Christian Radio Broadcasting (CRB)

Chronicle Broadcasting Co.

KRON-TV, San Francisco, California

City of Baltimore - WBJC(FM)

City of San Juan, P. R.

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(CONT)

Clear Channel Communications, Inc.

KBBJ(AM), Tulsa, Oklahoma and KTXC(AM)-KHYS(FM), Port Arthur,
WOAI(AM), San Antonio, Texas

Columbia Broadcasting System

WCBS, New York; WEEI, Boston, Massachusetts; WCAU, Philadelphia,
Pennsylvania

Combined Communications Corp.

KTAR-AM-FM-TV, Phoenix; KBLU-AM and TV, Yuma, Arizona

Communications Properties Inc.

KCPI-FM, Albert Lea, Minnesota; KFGO(AM), Fargo, North Dakota; and
WNFL(AM), Green Bay, Wisconsin

Community Broadcasting Service Inc.

WCJB-TV, Gainesville, Florida and WABI-AM, Bangor, Maine

Cook Inlet

WPGC AM and FM, Morningside, Maryland

Cosmos Broadcasting Corp.

WIS, Columbia, South Carolina; WDSU-TV, New Orleans, Louisiana; and WTOL-
TV, Toledo, Ohio

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(CONT)

Council Tree Communications, inc., Longmont, CO

Cox Communications, Inc.

WSB-AM-FM-TV, Atlanta, Georgia; WSOC-AM-FM-TV, Charlotte, North Carolina; WIOD(AM), WAIA(FM), Miami, Florida; WPXI(TV), Pittsburgh, Pennsylvania, WWSH, Philadelphia, Pennsylvania; KFI and KOST(FM), Los Angeles and KTVU(TV), Oakland-San Francisco, California

Dakota Broadcasting Co.

KIVV-TV, Lead, South Dakota
KEVN-TV, Rapid City, South Dakota

De Paul University

Delmarva Broadcasting Co.

WXJN(FM), Lewes, WYUS(AM)-WAFL-FM, Milford and WDEL(AM)-WSTW(FM), Wilmington, all Delaware; WXCY(FM), Havre de Grace, WQJZ(FM), Ocean Pines, WZJZ(FM), Pocomoke City, and WICO-AM-FM, Salisbury, all Maryland

Delta College

WDCQ/WDCP, University Center, Michigan

Denali TV

Dispatch

WBNS AM, FM, TV, Columbus, Ohio and WTHR-TV, Indianapolis, Indiana

District of Columbia - WDCU

PARTIAL LIST OF COMPANIES AND BROADCAST STATIONS
(CONT)

Diversified Communications

WCJB(TV), Gainesville, Florida; WABI-AM-TV, Bangor, Maine; WYOU-TV, Scranton, Pennsylvania; and WPDE-TV, Florence, South Carolina

Eastern Illinois University

WEIU FM and TV, Charleston, Illinois

El Mundo Broadcasting Corporation

WKAQ (AM and FM)

Evening News Association

WDVM-TV, Washington, D.C.; WWJ AM-FM, Detroit, Michigan

Evening Post Publishing Co.

KOAA-TV, Pueblo, Colorado; KIVI(TV), Nampa, Idaho; and WSBY(AM) and WQHQ(FM), Salisbury, Maryland; KPAX-TV, Missoula, and KXLF-TV, Butte, Montana; KSBY, San Luis Obispo, CA, WLEX, Lexington, KY; KVOA, Tucson, AZ; KRIS, Corpus Christi, TX; KRTV, Great Falls, MT; KTVQ, Billings, MT

Fairchild Industries

Family Life Broadcasting

KFLT(AM), Tucson, Arizona; WUFL(AM), Sterling Heights, Michigan; KFLR, Phoenix, Arizona

PARTIAL LIST OF COMPANIES AND BROADCAST STATIONS
(CONT)

First Media Corp.

KDOT and KFMY(FM), Provo, Utah; WZGC(FM), Atlanta, Georgia

First Media Radio, Salisbury, MD – WDDW - WCEI - WCPA

Galaxy Cablevision L.P.

Gateway Communications, Inc.

WTAJ-TV, Altoona, Pennsylvania; WLYH-TV, Lancaster, Pennsylvania; WBNG-TV, Binghamton, New York and WOWK-TV, Huntington, West Virginia

General Cinema Corp. Communications

WCIX-TV, Miami, Florida; WHUE-AM-FM, WGRN, Buffalo, New York, WEFM(FM), Chicago, Illinois

Genesis Broadcasting

KSMJ(AM), Sacramento, California; KSFM(FM), Woodland, California; KMJI(FM), Denver; KRZN, Thurmont, Colorado; KBTS-FM, Killeen; KONO(AM), San Antonio and KITY(FM), San Antonio, Texas

Georgetown University

WGTB, Washington, D.C.

Gill Cable

San Jose, California

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Gilmore Broadcasting Corp.

WSVA-AM and WQPO-FM, Harrisonburg, Virginia; WEHT(TV), Evansville, Indiana; WREX-TV, Rockford, Illinois; KODE-TV, Joplin, Missouri

Glendive Broadcasting Corp.

KXGN-TV, Glendive, Montana

Great American Television and Radio Co. Inc.

WBRC-TV, Birmingham, Alabama; WKRC-AM-FM-TV, Cincinnati; WTVN-AM-TV, WLWQ(FM), Columbus, Ohio; WGR-AM, WGRQ(FM), Buffalo, New York; WNEP-TV, Scranton, WTAJ-TV, Philadelphia, Pennsylvania; WDAF, Kansas City, Missouri; KQV-KDVE(FM), Pittsburgh, Pennsylvania; WCIX-TV, Miami, Florida; WTSP, St. Petersburg, Florida

Great Scott Stations

WJWL(AM) and WSEA(FM), Georgetown, Delaware; WTTM(AM) and WCHR(FM), Trenton, New Jersey; WPYX(FM), Albany; WMBO(AM) and WPCX(FM), Auburn and WTRY(AM), Troy, New York; WFEM(AM), Ellwood City, WFEC(AM), Harrisburg, WKST(AM), New Castle and WPAZ(AM), Pottstown, Pennsylvania

Great Trails Broadcasting Corporation

WCII and WKJJ(FM), Louisville, Kentucky; WCOL and WXGT(FM), Columbus; WING, Dayton, WJAI(FM), Eaton and WIZE, Springfield, Ohio; W B C S and WBCS(FM), Milwaukee, Wisconsin; WHAG-TV, Hagerstown, Maryland; WFFT-TV, Fort Wayne, Indiana

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Greater Media Inc.

KLSX(FM), Los Angeles and KRLA(AM), Pasadena, California; WWRC(AM) and WGAY-FM, Washington, D.C.; WMEX(AM) and WMJX(FM), Boston; WCSX(FM), Birmingham and WHND(AM), Monroe, both in Michigan; WCTC(AM), and WMGQ(FM), New Brunswick, New Jersey; WGSM(AM), Huntington and WCTO(FM), Smithtown, both New York; WPEN(AM) and WMGK(FM), Philadelphia, Pennsylvania

Group One Broadcasting

WAKR (AM and TV) and WAEZ(FM), Akron, Ohio; KMEZ-AM-FM, Dallas, Texas; WONE and WTUE(FM), Dayton, Ohio; and KLZ and KAZY(FM), Denver, Colorado

Haiti

AM-FM-TV

Hearst-Argyle Television Inc.

WBAL-AM-TV and WIYY(FM), Baltimore, Maryland; WMOR(TV), Lakeland and WPBF(TV), Tequesta, both Florida

Howard University

WHUR-FM, & WHUT-TV, Washington, D.C.

Hunt, Jack G.

KOEA(FM), Doniphan; KKJJ, Campbell; KBMV, Birch Tree; and KPWB-FM, Piedmont; all in Missouri

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Idaho State Board of Education

KAID, Boise, ID; KCDT, Coeur d'Alene, ID; KUID-TV, Moscow, ID; KISU-TV, Pocatello, ID; KIPT, Twin Falls, ID

Imes Communications

WBOY-TV, Clarksburg, West Virginia

Independence Television Co.

WDRB, Louisville, Kentucky

Independent Broadcasting Authority

London, England, Mediumwave directional aerials for Independent Local Radio at Manchester, Liverpool, Birmingham, Sheffield, Newcastle on Tyne, Glasgow, Belfast, and London 1 and 2 (1151 kHz and 1546 kHz diplexed into same four-mast directional-aerial producing different radiation patterns)

Independent School District 492

KSMQ-TV, Austin, Minnesota

Jacor Communications

WGST(AM) AND WPCH(FM), Atlanta, Georgia; WLW(AM), Cincinnati, Ohio; WMJI(FM), Cleveland, Ohio; and WYHY(FM), Lebanon, Tennessee

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James Madison University

WMRA(FM), Harrisonburg, Virginia

John Blair Company

WKAQ-TV, San Juan, P.R.

John Hopkins University

WJHU(FM), Baltimore, Maryland

KHQ, Inc.

KHQ-TV, Spokane, Washington

KYUS-TV Broadcasting Corp.

KYUS-TV, Miles City, Montana

Leake Television, Inc.

KATV(TV), Little Rock, Arkansas; KTUL-TV, Tulsa, Oklahoma; WPRV(TV),
Fajardo, Puerto Rico

Lewis Jr., Richard F. Inc. of Winchester, Virginia

(WINC, WKCY and WBQB)

Lincoln County School District (KLNR)

PARTIAL LIST OF COMPANIES AND BROADCAST STATIONS
(CONT)

Long Island Lighting Co.

Shoreham Facility, New York

Lotus Communications Corp.

KTKT(AM), Tucson, Arizona; KOXR(AM), Oxnard; KWKW(AM), Pasadena (Los Angeles), California; WMDO(AM), Wheaton, Maryland; and KENO(AM)-KOMP(FM), Las Vegas, Nevada

Maine Public Broadcasting Network

WCBB-TV, WMEM-TV, WMEB-TV and WMED-TV

Manship Stations

WJBO(AM), WFMF(FM) and WBRZ(TV), Baton Rouge, Louisiana

McClatchy Broadcasting Company

KFBK-AM-FM, Sacramento; KMJ-AM FM-TV, Fresno; KBEE-AM-FM, Modesto; KOVR(TV), Stockton-Sacramento, California; KOH, Reno, Nevada

McGraw-Hill Broadcasting Co.

WRTV(TV), Indianapolis, Indiana

McLendon Stations

KNUS(FM), Dallas, Texas; WYSL-AM-FM, Buffalo, New York; WNUS-AM-FM, Chicago, Illinois; WWWW(FM), Detroit, Michigan; KOST(FM), Los Angeles, California; KCND-TV, Pembina, North Dakota; KABL, San Francisco, California

PARTIAL LIST OF COMPANIES AND BROADCAST STATIONS
(CONT)

Media General

Mexico Government - Monitoring Facilities

Millicom Incorporated

Mission Broadcasting, Inc.

KAMC, Lubbock, TX; KCIT/KCPN, Amarillo, TX; KHMT, Billings, MT; KJTL/KJBO, Wichita Falls, TX; KODE, Joplin, MO; KOLR, Springfield, MO; KRBC, Abilene, TX; KSAN, San Angelo, TX; WFXP, Erie, PA; WFXW, Terre Haute, IN; WLYH, Harrisburg/Lancaster/Lebanon/York; WTVO, Rockford, IL; WUTR, Utica, NY and WYOU, Wilkes-Barre/Scranton, PA

Montana State University

KUSM, Bozeman, Montana

Montana State University

Montecito Broadcast Group

Morgan State University

WEAA, Baltimore, Maryland

Multimedia Cablevision Inc.

Music Radio 702 - Bophuthatswana (serving Johannesburg, South Africa)

National Broadcasting Company

WRC, Washington, D.C.

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National Subscription Television

KBSC-TV, Los Angeles, California applications in Dallas-Ft. Worth and Houston, Texas

Nationwide Communications Inc.

WRFD, Columbus-Worthington, Ohio; WNCI-FM, Columbus, Ohio; WKSX(FM), Cleveland; WATE-TV, Knoxville, Tennessee; WLEE, Richmond, Virginia; WPOC(FM), Baltimore, Maryland; WOMX AM-FM WKZL, Winston-Salem, North Carolina; KZZP-AM-FM, Mesa, Arizona; KNST(AM)-KRQQ(FM), Tucson, Arizona; KWSS(FM), Gilroy and KZAP(FM), Sacramento, California; KITN(TV), Minneapolis, Minnesota; KLUC(FM), Las Vegas and KRSR(AM), North Las Vegas, both Nevada; KISW(FM), Seattle, Washington; WBAY-TV, Green Bay, Wisconsin; KNRJ-AM, Houston, Texas; WRIC-TV, Richmond, Virginia; and WGAR-FM, Broadview Heights, Ohio

New England Light and Power

RF detuning of power line structures

Nexstar Broadcasting Group Inc.

KAMR, Amarillo, TX; KARD, West Monroe, LA, KARK, Little Rock, AR; KBTB, Beaumont, TX; KFDX-TV, Wichita Falls, TX; KFTA, Fort Smith, AR; KLBK, Lubbock, TX, KLST, San Angelo, TX; KMID-TV, Midland, TX; KNWA, Fayetteville, AR; KQTV, St. Joseph, MO; KSFX, Springfield, MO; KSNF, Joplin, MO; KSVI, Billings, MT; KTAB, Shreveport, LA; KTAL, Shreveport, LA; WBRE, Wilkes-Barre, PA; WCIA(TV), Champaign, WMBD(TV), Peoria, WCFN(TV), Springfield, IL; WTWO(TV), Terre Haute, IN; WDHN, Dothan, AL; WFFT, Fort Wayne, IN; WFXV/WPNY, Utica, NY; WHAG, Hagerstown, MD; WJET, Erie, PA; WQRF, Rockford, IL; WTAJ, Altoona, PA; WROC, Rochester, NY; WTVW, Evansville, IN and WUHF, Rochester, NY

PARTIAL LIST OF COMPANIES AND BROADCAST STATIONS
(CONT)

Ocean Coast Properties Inc.

WPOR-AM-FM, Portland, Maine and WFEA(AM), Manchester, New Hampshire

Ohio Edison Company

Interference measurements near 345 kV power transmission lines in the frequency range of 0.5-2.4 MHz and 50 through 210 MHz

Oklahoma Community Television, Sayre, OK

Oklahoma Educational Television Authority

KOED-TV, KETA(TV), KOET(TV) and KWET(TV)

Oklahoma Land Company LLC

KTUZ-TV, Shawnee, Oklahoma

Outlet Broadcasting

WTOP-AM, Washington, D.C.; WASH(FM), Bethesda, Maryland

Pacific Gas & Electric Co.

Lakeville-Sobrante RF detuning transmission line, San Francisco, California

PARTIAL LIST OF COMPANIES AND BROADCAST STATIONS
(CONT)

Pacific Theatres

(Alden Television, Inc.) KTZZ(TV), Seattle, Washington; KTDZ(TV), Portland, Oregon

PacifiCorp Credit

Panama TV

Paramount Pictures Corp.

WDCA-TV, Washington, DC; WLFL-TV, Raleigh, North Carolina; WTXF, Philadelphia, Pennsylvania; KTXH, Houston, Texas; and KTXA, Ft. Worth-Dallas, Texas

Penn State Public Broadcasting

Pennsylvania Turnpike Commission

Porter Broadcasting Services

WJTO(AM) and WIGY(AM), Bath, Maine, WMYF(AM) and WERZ(FM), Exeter, New Hampshire and WRXT(FM), Niagara Falls, New York

Post Corp. Stations

KBIZ(AM), Ottumwa, Iowa; WLUC-TV, Marquette, Michigan; KTVO-TV, Kirksville, Missouri; WOKR(TV), Rochester, New York; WAYY(AM), Chippawa Falls, Wisconsin; WAXX(FM) and WEAU-TV, Eau Claire, Wisconsin; WLUK-TV, Green Bay, Wisconsin

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PARTIAL LIST OF COMPANIES AND BROADCAST STATIONS
(CONT)

Post-Newsweek Stations

WDIV(TV), Detroit, Michigan; WPLG-TV, Miami, Florida; WCKY, Cincinnati, Ohio; WFSB-TV, Hartford, Connecticut

Public Broadcasting of Northwest Pennsylvania, Inc.

WQLN(TV) and WQLN-FM, Erie, Pennsylvania

Quorum Broadcasting

WQRF-TV, Rockford, IL; WTVW(TV), Evansville and WFFT-TV, Fort Wayne, both Indiana; KARD(TV), West Monroe, LA; WHAG-TV, Hagerstown, MD; KDEB-TV, Springfield, MO; KSVI(TV), Billings, MT; WFXV(TV), Utica, NY; KAMR-TV, Amarillo and KLBK-TV, Lubbock, both Texas

Red River Broadcast Co. L.L.C.

KQDS(TV), Duluth and KBRR(TV), Thief River Falls, Both Minnesota; KVRR(TV), Fargo, KJRR(TV), Jamestown and KNRR(TV), Pembina, all North Dakota; KDLV-TV, Mitchell and KDLT-TV, Sioux Falls, both South Dakota

Red Rock Radio

Republic of Bophuthatswana FM and TV

PARTIAL LIST OF COMPANIES AND BROADCAST STATIONS
(CONT)

River City Broadcasting

KDSM-TV, Des Moines, Iowa; KDNL-TV, St. Louis, Missouri; WTTV,
Bloomington, Indiana

Rusk Corp.

KTRH, Houston, Texas

Sandusky Broadcasting, Bellevue, WA

Scripps-Howard Broadcasting Company

WMC AM, FM and TV, Memphis, Tennessee; and WNOX, Knoxville, Tennessee;
KMEQ-AM-FM, Phoenix, Arizona; WEWS(TV), Cleveland, Ohio; and KUPL-AM-
FM, Portland, Oregon

Sentech, Johannesburg, South Africa

South Carolina Budget and Control Board

State of South Carolina

South Central Education Broadcasting Counsel

WITF-FM&TV, Hershey, Pennsylvania

Southmedia Co.

WAAX(AM) and WQEN(FM), Gadsden, Alabama; WCNN, Atlanta, Georgia

PARTIAL LIST OF COMPANIES AND BROADCAST STATIONS
(CONT)

St. Lawrence Valley Educational Television Council

WNPI-TV, Norwood, New York and WNPE-TV, Watertown, New York

Storz Broadcasting Co.

WHB(AM), Kansas City, Missouri; WTIX(AM), New Orleans, Louisiana

Stroh Communications Corp.

WSSY, Talladega, Alabama

Susquehanna Broadcasting Company

KLIF, Dallas, Texas

Swaziland Commercial Radio (Pty), Limited

Swaziland, South Africa (serving Johannesburg and Durban)

Tennessee Valley Radio, Inc.

Time Warner

Various cable communities

Trammell Crow Company

COHEN, DIPPELL AND EVERIST, P.C.

CONSULTING ENGINEERS

RADIO-TELEVISION

PARTIAL LIST OF COMPANIES AND BROADCAST STATIONS
(CONT)

Trans World Radio, Chatham, New Jersey

High power mediumwave and HF facilities in Bonaire, Netherlands Antilles; Monte Carlo, Monaco; Swaziland; Guam and Sri Lanka

Tribune Broadcasting Co.

KTLA(TV), Los Angeles, KTLA-DT, Los Angeles, CA; KEZW(AM), Aurora & KOSI(FM)-KWGN-TV, Denver, CO; WBZL(TV), Miami, FL; WGN-AM-TV, Chicago, IL; WTTK(TV), Kokomo, IN; WPHL-TV, Philadelphia, PA; KHWB-DT, Houston, TX and WBDC-TV, Washington, DC

United Television Inc.

KUTP(TV), Phoenix, Arizona and KBHK-TV, San Francisco, California

Universal Broadcasting of New York, Inc.

WVNJ, Oakland, New Jersey

University of Kansas (KANU)

Upper Cumberland Broadcast Council

WCTE, Cookeville, TN

Valuevision International Inc.

Vermont Educational Television

WETK(TV), Burlington; WVER(TV), Rutland; WVTB(TV), St. Johnsbury; and WVTA(TV), Windsor, all in Vermont

PARTIAL LIST OF COMPANIES AND BROADCAST STATIONS
(CONT)

Virginia Electric Power Company

Detuning power line installations in vicinity of WKLX, Portsmouth, Virginia and
WPIK, Alexandria, Virginia

Voice of America - Radio Marti; Botswana

Waterman Broadcasting

KTSA, San Antonio, Texas; WBBH-TV, Fort Meyers, Florida; WVIR,
Charlottesville, VA

WavePhore, Inc., Tempe, Arizona

West Virginia Media Holdings LLC

WBOY-TV, Clarksburg and WOWK-TV, Huntington, WV; WTRF, Wheeling, WV; WVNS,
Ghent, WV

Western Illinois University

WIUM, Macomb, Illinois

Westinghouse Broadcasting Company

WINS, New York and KYW, Philadelphia, Pennsylvania

WJAC, Inc.

WJAC AM, WKYE, and WJAC-TV, Johnstown, Pennsylvania

COHEN, DIPPELL AND EVERIST, P.C.

CONSULTING ENGINEERS

RADIO-TELEVISION

PARTIAL LIST OF COMPANIES AND BROADCAST STATIONS
(CONT)

Wometco Enterprises Inc.

WTVJ(TV), Miami, Florida; WLOS(FM) and WLOS(TV), Asheville, North Carolina and KVOS-TV, Bellingham, Washington

XETRA - Tijuana, Baja California, Mexico

XEABC - Mexico City

XEW, XEX, XEQ - Mexico City

Young Broadcasting Inc.

KCAL(TV) and KCAL-DT, Los Angeles and KRON-TV, San Francisco, both California; WTVO(TV), Rockford, IL; KWQC-TV, Davenport, IA; KLFY-DT and KLFY-TV, Lafayette, LA; WCDC(TV), Adams, MA; WLNS-TV, Lansing, MI; WTEN(TV), Albany, NY; KDLO-TV, Florence, KCLO-TV, Rapid City, KPLO-TV, Reliance and KELO-TV, Sioux Falls, all South Dakota; WATE-TV, Knoxville and WKRN-TV, Nashville, both Tennessee; WRIC-TV, Petersburg, VA; WBAY-TV, Green Bay, WI

- AND -

*Over 300 other AM, FM and TV stations
and other non-broadcast projects*

COHEN, DIPPELL AND EVERIST, P.C.

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EQUIPMENT OWNED AND MAINTAINED BY
COHEN, DIPPELL AND EVERIST, P.C., CONSULTING ENGINEERS

The consulting engineering firm of Cohen, Dippell and Everist, P.C. owns numerous signal strength meters for AM broadcast band use, field intensity meters for the measurement of VHF and UHF signals and broadband radio frequency exposure meters for the measurement of power density levels. Equipment also includes slotted lines, RF bridges, and impedance bridges, together with associated signal generators and detectors, and portable two-way communications systems used for antenna adjustment in the field.