

IF I WERE YOU, I WOULD LIKE TO KNOW SOMETHING ABOUT THE PERSON I WAS CONSIDERING AS A CONSULTANT AND PARTNER IN SOLVING VARIOUS PROBLEMS IN OUR INDUSTRY. SO, I WILL START WITH SOME BASIC INFORMATION.

MY NAME IS CHUCK WILSON, AND I AM THE OWNER OF INSULATION INTEGRITY INC. I AM A NATIVE OF SEWICKLEY, PA, AND HAVE ALSO LIVED IN OHIO, CALIFORNIA AND NEW MEXICO. I RESIDE AT 506 INNWOOD DRIVE, GEORGETOWN, TEXAS 78628 (NEAR AUSTIN).

I HAVE WORKED WITH ELECTRICAL INSULATION SYSTEMS SINCE 1966, MOSTLY IN ROTATING EQUIPMENT. I ALSO WAS RESPONSIBLE FOR PAINT SYSTEMS WHEN I WORKED AT SIEMENS.

I RETIRED FROM SIEMENS ENERGY & AUTOMATION IN 2001 AFTER ELEVEN YEARS AS A SENIOR PRODUCT ENGINEER AT THEIR MOTOR PLANT IN NORWOOD, OHIO.

FOR THE PREVIOUS TWENTY-FOUR YEARS, I WAS EMPLOYED BY THE WESTINGHOUSE MOTOR COMPANY IN ROUND ROCK, TX. AS A STAFF ENGINEER AND IN VARIOUS OTHER ENGINEERING AND SUPERVISORY POSITIONS WITH WESTINGHOUSE ELECTRIC CORPORATION AT PLANTS IN ROUND ROCK, EMERYVILLE, CA AND EAST PITTSBURGH, PA.

MY RESPONSIBILITIES WITH THESE COMPANIES INCLUDED DESIGN, MANUFACTURING ENGINEERING AND QUALITY OF COIL AND WINDING INSULATION SYSTEMS FOR AC MOTOR AND GENERATOR STATORS RATED UP TO 13.8 kV, SYNCHRONOUS ROTOR COILS, COLLECTORS, DC ARMATURES, DC STATORS, WOUND INDUCTION ROTORS, RANDOM WOUND LOW VOLTAGE STATORS AND RANDOM WOUND EXCITERS. PART OF MY RESPONSIBILITIES WERE TO:

- SPECIFY ALL INSULATING MATERIALS AND PAINT USED ON THE MOTORS & GENERATORS AND SPECIFIED THE PURCHASE OF SOME ELECTRICAL TEST EQUIPMENT, SUCH AS SURGE TESTERS AND PARTIAL DISCHARGE ANALYZERS.
- CREATE STANDARD AND SPECIAL PAINTING SPECIFICATIONS FOR ALL PRODUCTS.
- CREATE PROCESS SPECIFICATIONS AND DRAWINGS FOR COIL AND WINDING INSULATION AND ACCESSORIES FOR ALL PRODUCTS.
- INVESTIGATE AND RESOLVE ANY FIELD PROBLEMS WITH THE INSULATION OR PAINT ON MOTOR INSTALLATIONS.
- TRAIN PERSONNEL FOR A NEW PLANT IN TAIWAN TO MANUFACTURE LARGE AC MOTORS (RATED UP TO 26,000 HP), SYNCHRONOUS ROTORS AND BRUSHLESS EXCITERS.
- PARTICIPATE IN THE TRANSFER OF DESIGN INFORMATION TO THE MINORITY PARTNER (TECO) OF THE WESTINGHOUSE MOTOR COMPANY AND IN THE SALE OF INDUCTION MOTOR TECHNOLOGY TO THE PEOPLES REPUBLIC OF CHINA.
- PROVIDE EXTENSIVE TECHNICAL TRAINING FOR TEN INSULATION AND MANUFACTURING ENGINEERS FROM THE PRC.
- ASSIST WITH THE MANUFACTURE OF STATOR COILS AT A PLANT IN JUAREZ, MEXICO.

I AM VERY FAMILIAR WITH ALL TYPES OF INSULATING MATERIALS, PARTICULARLY MICA / EPOXY SYSTEMS. WHILE MOST OF MY EXPERIENCE HAS BEEN WITH LARGE MOTORS AND GENERATORS, I AM ALSO VERY WELL ACQUAINTED WITH THE MATERIALS USED IN SMALLER RANDOM WOUND MOTORS, AND TO SOME EXTENT, WITH THOSE USED IN TRANSFORMERS. I HAVE EXTENSIVE HANDS ON EXPERIENCE IN THE INVESTIGATION AND DIAGNOSIS OF FIELD FAILURES OF LARGE MOTORS.

I AM A LIFE SENIOR MEMBER OF THE IEEE, THE POWER AND ENERGY SOCIETY, THE DIELECTRICS & ELECTRICAL INSULATION SOCIETY, AND THE INDUSTRY APPLICATIONS SOCIETY. I AM A MEMBER OF THE ELECTRIC MACHINERY COMMITTEE OF THE POWER AND ENERGY SOCIETY.

I WAS CHAIR OF THE MATERIALS SUB-COMMITTEE OF THE ELECTRIC MACHINERY COMMITTEE AND WORKING GROUPS P1776 (COMBINATION OF P275 AND P429), P522 AND P792. I AM ALSO A MEMBER OF IEEE WORKING GROUPS 43, 56, 117, 434, 1310, 1415, 1434, 1553, 1665, 1798 AND 1799, ALL DEALING WITH ELECTRICAL INSULATION.

I RECEIVED THE IEEE/ PES/ EMC DISTINGUISHED SERVICE AWARD FOR 2010.

MY RESUME AND CLIENTS/ RATES LIST ARE AVAILABLE UPON REQUEST.