

DEI-96-118	Environmental Factors Affecting DC Tracking Resistance of Polyethylene B.Du, S.Kobayashi (Niigata College of Technology)
DEI-96-119	Electrical Characteristics of New Type Polyethylene(III) M.Ikeda, Y.Shimizu, Y.Umeshima (Japan Polyolefins)
DEI-96-120	The Open-Circuit Voltage characteristics of Moisture Absorbed Polyimide Thin Films with Different Electrode Materials Y.Muramoto, M.Nagao, M.Kosaki (Toyohashi University of Technology)
DEI-96-121	Dielectric properties of polyethylene under simulated inverter voltages H.Suzuki, S.Mukai, Y.Ohki (Waseda University)
DEI-96-122	Y.Nakamichi, K.Ajiki (Railway Technical Research Institute) A Consideration on the generation mechanism of the deterioration signal by AC superposition method T.Kumazawa (Chubu Electric Power Co., Inc.) M.Hotta, S.Sugiyama, T.Hashizume, T.Tani (Yazaki Electric Wire Co., Ltd)
DEI-96-124	Flashover Characteristics of Ceramic Insulators in Vacuum at Low Temperature M.Sakai, K.Yoshida (Toshiba Corporation) T.Hara, T.Ohkuma (Tokyo Electric Power Company)
DEI-96-125	Space Charge Measurement in 22kV Water-treed XLPE Cable Y.Li, K.Adachi, M.Ogishima, J.Kawai, Y.Ebinuma, Y.Fujiwara (Showa Electric Wire and Cable Co., Ltd.)
DEI-96-126	Measurement result of Space Charge in XLPE Cables T.Nakagawa, M.Yoshimoto (Kansai Electric Power Co., Inc.)
DEI-96-127	High Field Dielectric Characteristics at DC Field Expolation of Electron Beam Cross- linked Polyethylene K.Toyama (Numazu Technical College), T.Tokoro (Gifu Technical College), S.Mitsumoto, M.Nagao, M.Kosaki (Toyohashi University of Technology)
DEI-96-128	Process in PE Free-volume and Electrical Tree Initiation N.Shimizu, H.Sato (Nagoya University)
DEI-96-129	Space Charge in Different XLPE Sample Thickness and Factor of Charge Generation T.Takeda, N.Hozumi, H.Suzuki, T.Okamoto (Central Research Institute of Electric Power Industry)
DEI-96-130	Some Factors for Space Charge Formation of Polyethylene Part.3 A.Yokoyama, H.Miyata, T.Takahashi (Fujikura Ltd.)

Theme: Equipment Analysis and Radiation

Dec. 10-11, 1996 Japan Atomic Energy Research Institute, Takasaki Laboratory

DEI-96-132	Structure of EB Irradiation PTFE and its Characteristics H.Kusano (Hitachi Cable Co., Ltd.), S.Ikeda, N.Kasai, T.Seguchi (Japan Atomic Energy Research Institute), A.Oshima (Tokai University)
DEI-96-133	Study of Ion-beam Irradiation Effect on Polymer by using Micro FT-IR T.Takano, K.Inoue, M.Kitoh, Y.Hama (Waseda University) M.Sugimoto, H.Kudoh, T.Seguchi (JAERI Takasaki)
DEI-96-134	Study on Temperature Dependence of Deterioration for Insulation Materials by Gas Chromatography Z.Yang (China Insulation for Radiation Protection) J.Ikehara (Mitsubishi Cable Industries, Ltd.), Y.Morita, T.Yagi, T.Seguchi (JAERI Takasaki)
DEI-96-135	Development of a Novel Diagnosis of Thermal Deterioration for Insulating Resins Using an Optical Fiber Sensor Y.Takezawa, Y.Itoh (Hitachi, Ltd.), M.Shimodera, M.Miura, H.Miya (Hitachi Building Systems Engineering and Service Co., Ltd.)
DEI-96-136	Application of Residual Voltage for Diagnosis of Electrical Power Cable used in Nuclear Power Station