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- DEI-96-43 Improvement of Semicon-Interface of an XLPE Power Cable with Interface Diffusion Method.  
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 (Central Research Institute of Electric Power Industries)

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- DEI-96-51 TSC Properties of Electron Beam Irradiated of Polyetheretherketone.  
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- DEI-96-52 Effect of X-Ray Irradiation on Partial Discharge Inception for a Void in Insulating Material.  
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- DEI-96-53 Partial Discharge Characteristics of XLPE Cable lines with different kinds of Defects.  
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- DEI-96-54 Mechanism of DC Deterioration in Material for DC Cable.  
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- DEI-96-55 Analysis of Luminous Image and Discharge Magnitude at Each Phase Angle Area on Treeing Phenomena.  
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- DEI-96-56 The Effect of Fillerparticle Size on Ultrasonic Image of Electrical Breakdown Region in Filler-added Insulating Materials.  
 Y. Takeda (Musashi Institute of Technology), M. Yoshizawa (Tokyo Metropolitan College of Technology), E. Watanabe, T. Moriya (Tokyo Metropolitan University)
- DEI-96-57 Measurements of Space Charge Distribution in Cross-linked Polyethylene with Water Tree in Small Area Using PEA Method.  
 Ken. Suzuki, Yoichi Imaizumi, Yasuhiro Tanaka, Tatsuo Takada (Musashi Institute of Technology), Li Ying, Yasumitsu Ebinuma (Showa Electric Wire and Cable Co., Ltd.)
- DEI-96-59 A Study of the Electrical Properties of Water Trees in 6kV XLPE Power Cables as Detected