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NEWS

DAMAGE TO HYDROPOWER PLANTS OF MODERN CONSTRUCTION

The statistical analysis of 1300 insured hydroelectric power stations reveals the main centres of damage, particularly in installations of more recent construction. Product faults are the primary cause of such a damage. Therefore, two experts have been discussing this matter in "Der Maschinenschaden" — a German specialist journal for risk technology. Because of an interest far above average, the editor has just now published the English translation of an offprint of 16 pages A4 with 36 instructive illustrations. This remarkable publication is available for all parties interested in this field

An exemplary description, based on practical

experience, is given of damage, possibility of repair and damage prevention measures, both in respect of hydraulic plants (hydroturbines, pump turbines and fittings) as well as of hydropower generators. With the latter ones, it is generally found that in the case of salient-pole machines, slight defects at the magnet wheel usually lead to quite significant damage to the stator; not to mention several other causes of damage in the context of this matter. (Obtainable from: Allianz Technische Information, D-8000 Munchen 44, Postfach 440124, Federal Republic of Germany; Ordering No. TI-E6-205; Price for the Offprint edition: 18 DM)