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GEOTEHNIČKA ISTRAŽIVANJA I ISPITIVANJA TERENA ZA POTREBE SANACIJE PORTALA TRAFOSTANICE TS 400/110/10KV U STANARIMA

Sažetak:

Nakon uočavanja pukotina na armirano-betonskim temeljnim stubovima u sklopu trafostanice u Stanarima ukazala se potreba za dodatnim geotehničkim istraživanjima i ispitivanjima terena. U radu su prikazani postupci geotehničkih istraživanja i ispitivanja kao i dio provedenih analiza izvršenih radi utvrđivanja uzroka nastanka pukotina i deformacija na temeljina stubova a sve u cilju davanja prijedloga racionalne sanacije istih i zaustavljanja daljih deformacija. Predmet istraživanja bila su četiri stuba portala, od kojih tri imaju izražene pukotine i defomacije.

Ključne riječi:

Geotehnika, sanacija, trafostanica, stubovi, nosivost, slijeganje.

GEOTECHNICAL EXPLORATION AND TESTING OF TERRAIN FOR THE REHABILITATION OF THE TRANSFORMER STATION PORTALS TS 400/110/10 KV IN STANARI

Summary:

After noticing the cracks in the reinforced concrete foundation pillars within the transformer station in Stanari, there was a need for additional geotechnical exploration and testing of terrain. The paper presents the procedures of geotechnical exploration and testing and also part of the performed analyzes for the determination of the causes of cracks and deformations on the foundations of pillars. All it with the aim of proposing rational remediation and stopping further deformations. The subject of the exploration were four pillars of the portal, three of which have pronounced cracks and deformations.

Key words:

Geotechnics, remediation, transformer station, bearing capacity, subsidence.

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