

**NOTIFICATION TO AN AFFECTED PARTY OF A PROPOSED ACTIVITY UNDER
ARTICLE 3 OF THE CONVENTION**

1. INFORMATION ON THE PROPOSED ACTIVITY	
(i) Information on the nature of the proposed activity	
Type of activity proposed	Construction of a facility for the additional service water supply (SWS) of the Kozloduy NPP - Cold channel 2.
Is the proposed activity listed in appendix I to the Convention?	No.
Scope of proposed activity (e.g. main activity and any/all peripheral activities requiring assessment)	Cold channel 2 /CC2/ is a hydro engineering facility, through which the required volume of service water for the industrial purposes of the Kozloduy NPP is supplied by the Danube River. It is a reinforced concrete structure and a mirror image of the already constructed hot channel 2. Their overall cross-profile is a W-type. It is dimensioned for 110 m ³ /s for each of those channels. It is a complex of facilities, which will be built together with it and are functionally related.
Scale of proposed activity (e.g. size, production capacity)	CC2 is studied for the supply of cold water for Unit 5 and Unit 6 for the water quantity of Q= 40m ³ /s to Q=110 m ³ /s. The channel will be 2400 m long.
Description of proposed activity (e.g. technology used)	The system of facilities for additional technical water supply will allow the supply of 110 m ³ /s cold water from the source -the Danube River to the site of the Kozloduy NPP for the service water consumers..
Description of purpose of proposed activity	Cold channel 2 /CC2/ is a hydro engineering facility, through which the required volume of service water for the industrial purposes of the Kozloduy NPP is supplied by the Danube River.
Rationale for proposed activity (e.g. socio-economic basis, physical geographic basis)	The purpose of the investment proposal is to enhance the safe operation of the Kozloduy Nuclear Power Plant by building cold channel 2) /CC 2/ for the supply of cold water from the source -the Danube River to the Kozloduy NPP site. By the construction of the facility it will be able to: <ul style="list-style-type: none"> • Repair or rehabilitate the existing service water supply facilities, Bank pumping station BPS 1, 2, 3; cold channel CC 1) and hot channel HC 1; • Provide an additional source of cooling water for the operation of the Kozloduy

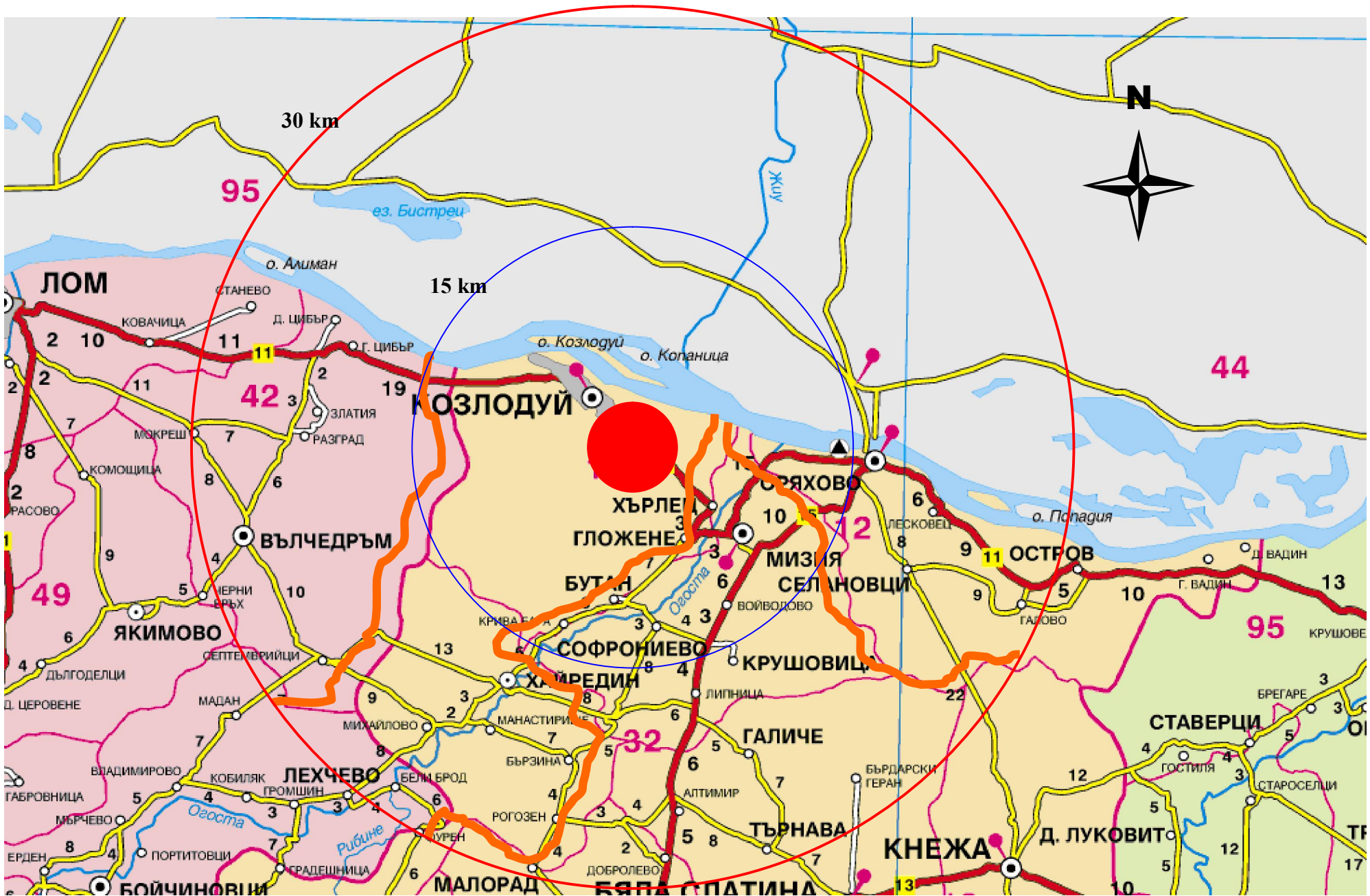
	<p>NPP..</p> <ul style="list-style-type: none"> • Ensure the double independent water supply to Kozloduy NPP to eliminate the risk of failure of cold channel 1 and a hot channel 1.
Additional information/comments	None
(ii) Information on the spatial and temporal boundaries of the proposed activity	
Location	<p>The investment proposal will be implemented within the boundaries of the Kozloduy NPP site " (land plot No. 218 on the map of the recovered property of the village of Harlets, the municipality of Kozloduy, Vratsa region) and does not envisage the use of land beyond these boundaries.</p> <p>The site of Kozloduy NPP is located on the right bank (of 694-th km) of the Danube River. It is situated 3.7 km south of midstream of the river and the state border with the Republic of Romania.</p>
Description of the location (e.g. physical-geographic characteristics, socio-economic characteristics)	<p>The plant site is located in the northern part of the first flood-proof terrace of the Danube River (elevation +35.0m according to the Baltic height system) and has an area of 4471.712 hectares. To the north it borders with pre-Danubian lowland. To the south of the site, the slope of the water shed plateau is relatively high (100÷110 m), it is around 90 m to the west, while to the east it is lowering up to 30 m above sea level. By straight line it is around 120 km to the north and on the national road network it about 200 km from the capital - Sofia. The closest settlements to the Kozloduy NPP are: the town of Kozloduy - 2.5 km south-west, the village of Harlets - 3.5 km to the south-east, the village of Glozhene - 4.0 km to the south-east, the town of Mizia - 6.0 km to the south-east, the village of Butan - 8.4 km to the south, and the town of Oryahovo - 8.4 km to the east of the site.</p>
Rationale for location of proposed activity (e.g. socio-economic basis, physical-geographic basis)	The Discharge Canal 2 is already built outside of Kozloduy NPP site. The Cold Channel 2 will follow the same projection.
Time frame for proposed activity (e.g. start and duration of construction and operation)	It shall be defined during the development of the detailed design.
Maps and other pictorial documents connected with the information on the proposed activity	The following is attached: a map with the location of Kozloduy NPP site, A Reference Register of the boundary points of Kozloduy NPP construction line in the region of Hot Channel 2; a drawing of Kozloduy NPP construction line curves in the region of HC-2.

Additional information/comments	None
(iii) Information on expected environmental impacts and proposed mitigation measures	
<p>Scope of assessment (e.g. consideration of: cumulative impacts, evaluation of alternatives, sustainable development issues, impact of peripheral activities)</p>	<p>Increased levels of noise, dust, and heavy traffic are expected in the region of the site during the construction of CC2, Due to the remoteness of the site from settlements (the closest are the village of Harlets - 3 km and the town of Kozloduy - 5 km), the noise and dust resulting from the activities are not expected to impact the public. The traffic of the vehicles will be complied with the requirements of standard acts.</p> <p>No environmental contamination is expected during operation.</p> <p>During the implementation of CC2 construction and operation no changes in the effect on people's health is expected.</p> <p>There is no need of proprietary expropriation or change of land category for the purposes of CC2.</p> <p>No effect on the landscape due to civil works as excavation and backfilling is expected.</p> <p>No effect is expected on the mineral variety, natural environment or cultural resources during construction.</p> <p>There are no areas which are the habitat of any protected, important or sensitive plant or animal species; there are no picturesque places that may be affected during construction.</p> <p>There are no places or sites of any historic or cultural value, on the site of Kozloduy NPP or close to it that could be affected by any of the construction activities.</p> <p>There are no sites that are protected by any international or national law because of their ecological, natural, cultural or other valuables which could be affected by the construction.</p> <p>The radioecological monitoring performed by the Kozloduy NPP covers all main components of environment (air, water, soil, vegetation, milk, fish, agricultural crops, etc.) in a radius of 100 km around the plant on the Bulgarian territory. The scope of the radiological monitoring and controlled parameters are regulated in a long-term programme which is coordinated with the country control and supervision bodies - the Nuclear Regulatory Agency, Radiobiological and Radiation Protection National Centre to the Ministry of Health, and the Executive Environment Agency to the Ministry of Environment and Waters.</p>
<p>Expected environmental impacts of proposed activity (e.g. types, locations, magnitudes)</p>	<p>No changes of aspects of Kozloduy NPP impact on environment or their quantitative measurements are expected during and after the Investment Proposal implementation, therefore,</p>

	<p>there will be no change of the level of impact on environmental components. The results from the environmental radioecological monitoring conducted in the course of many years demonstrate that the registered levels of technogenic activity are well below the admissible limits for respective indicators and sites.</p>
<p>Inputs (e.g. raw material, power sources)</p>	<p>Standard building materials are to be used during construction (gravel, coarse aggregate, water, cement, concrete, steel framework, bricks, paints, etc.).</p>
<p>Outputs (e.g. amounts and types of: emissions into the atmosphere, discharges into the water system, solid waste)</p>	<p>No radioactive waste is to be generated throughout all processes associated with the construction and operation of CC2.</p> <p>During construction of supplementary service water supply facility waste is expected to be generated from construction, installation of process equipment and the construction of auxiliary concrete structures.</p> <p>Hazardous, industrial, and domestic waste shall be managed in accordance with the internal regulations of the Company.</p>
<p>Transboundary impacts (e.g. types, locations, magnitudes)</p>	<p>No transboundary impact is expected.</p>
<p>Proposed mitigation measures (e.g. if known, mitigation measures to prevent, eliminate, minimize, compensate for environmental effects)</p>	<p>Measures to mitigate and prevent possible effects on people and environment are provided for implementation throughout the entire process of CC2 construction.</p> <p>A complex of technical, physical, sanitary-hygienic, organizational and administrative measures is in place at Kozloduy NPP PLC which are to be implemented on each phase of design, construction, commissioning and operation of CC to provide for and ensure safety of the staff and public.</p> <p>Kozloduy NPP follows programmes for radiation and non-radiation environmental monitoring of the site and the zone around it. In the 100 km-surveillance zone around Kozloduy NPP there are control posts where samples from air, soil, vegetation, water from the Danube and drinking water sources are taken and analysed.</p>
<p>Additional information/comments</p>	<p>No.</p>
<p>(iv) Proponent/developer</p>	
<p>Name, address, telephone and fax numbers</p>	<p>I. Genov Chief Executive Officer of Kozloduy NPP PLC Bulgaria, 3321 Kozloduy тел. 0973 72020; факс 0973 80591;</p>

	e-mail info@npp.bg
(v) EIA documentation	
Is the EIA documentation (e.g. EIA report or EIS) included in the notification?	No.
If the answer to the above is no or partially, description of additional documentation to be forwarded and (approximate) date(s) when documentation will be available	Additional information shall be provided upon request.
Additional information/comments	No.
2. POINTS OF CONTACT	
(i) Points of contact for the possible affected Party or Parties	
Authority responsible for coordinating activities relating to the EIA (refer to decision I/3, appendix) - Name, address, telephone and fax numbers	Romanian Ministry of Environment and Climate Change 12, Blvd. Libertatii, Sector 5, Bucharest RO - 040129 Telephone: +40 21 316 77 35 Fax: +40 21 316 04 21
List of affected Parties to which notification is being sent	RRumania
(ii) Points of contact for the Party of origin	
Authority responsible for coordinating activities relating to the EIA (refer to decision I/3, appendix) - Name, address, telephone and fax numbers	Ministry of Environment and Water 22 Maria Luiza Blvd. Sofia, 1000 Bulgaria
Decision-making authority if different than authority responsible for coordinating activities relating to the EIA - Name, address, telephone and fax numbers	
3. INFORMATION ON THE EIA PROCESS IN THE COUNTRY WHERE THE PROPOSED ACTIVITY IS LOCATED	
(i) Information on the EIA process that will be applied to the proposed activity	
Time schedule	Based on the requirements of the Bulgarian legislation.
Opportunities for the affected Party or Parties to be involved in the EIA process	Yes
Opportunities for the affected Party or Parties to review and comment on the notification and the EIA documentation	Yes
Nature and timing of the possible decision	According to the Bulgarian legislation
Process for approval of the proposed	According to the Bulgarian

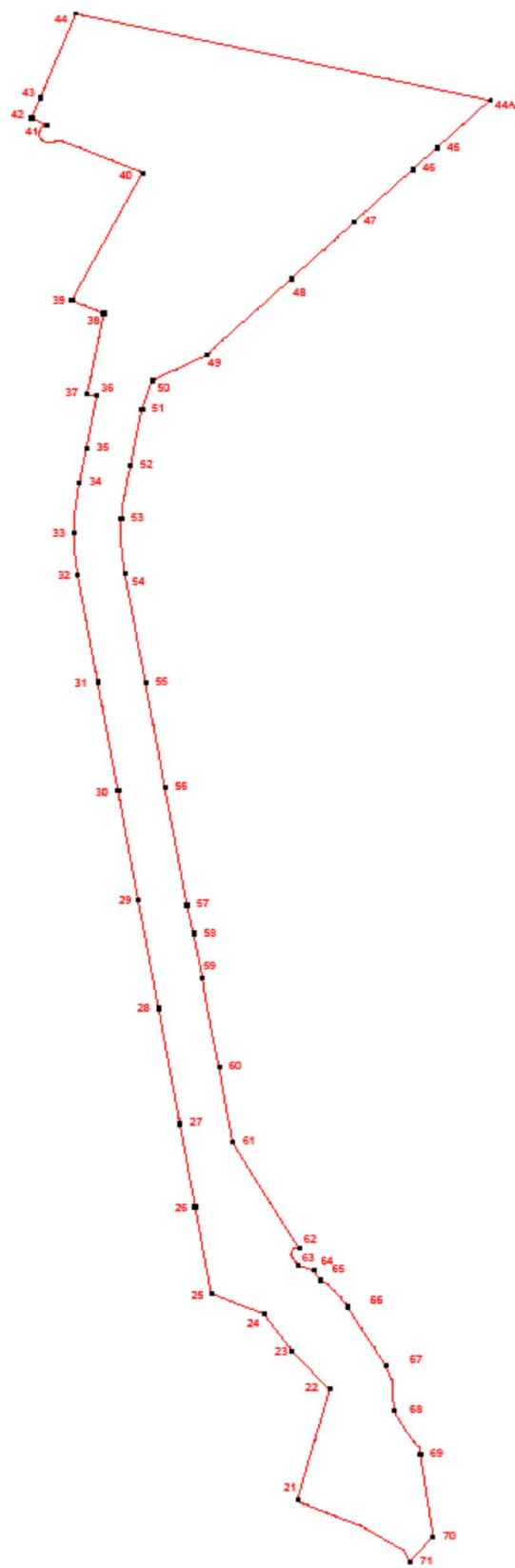
activity	legislation (the Energy Act, SUNEA (Safe Use of Nuclear Energy Act, Environmental Protection Act, Territorial Development Act).
Additional information/comments	Additional information about the EIA procedure can be found on the Internet site of the Ministry of Environment and Waters (MEW): www3.moew.government.bg
4. INFORMATION ON THE PUBLIC PARTICIPATION PROCESS IN THE COUNTRY OF ORIGIN	
Public participation procedures	Notification of concerned public through Kozloduy NPP PLC Internet site and the concerned municipalities on the territory of Republic of Bulgaria. Provide possibility for submitting written statements.
Expected start and duration of public consultation	14 days upon notification publishing
Additional information/comments	-
5. DEADLINE FOR RESPONSE	
Date	2 weeks after the date of notification receipt.



Reference register of the boundary points of Kozloduy NPP construction line in HC-2 region

No. of the stabilized boundary point	Coordinates in the 1970 system of coordinates.		Coordinates in the system of geographical coordinates		WGS coordinates			Point H elevation /m/	Note:
	X / m /	Y / m /	N / m /	E / m /	X / m /	Y / m /	Z / m /		
1	2	3	4	5	6	7	8	9	10
21	8543190÷855	4757143÷719	43° 44' 57.50356" N	23° 46' 20.93043" E	4223260÷545	1860257÷322	4388041÷090	31÷257	stabilized with cement post
22	8543248÷009	4757344÷067	43° 45' 03.98193" N	23° 46' 23.54695" E	4223110÷412	1860255÷157	4388185÷520	26÷852	stabilized with cement post
23	8543181÷083	4757413÷449	43° 45' 06.24490" N	23° 46' 20.57710" E	4223092÷995	1860174÷882	4388235÷971	27÷499	stabilized with cement post
24	8543132÷023	4757480÷469	43° 45' 08.42731" N	23° 46' 18.40500" E	4223069÷956	1860111÷634	4388284÷625	27÷247	stabilized with cement post
25	8543038÷969	4757517÷138	43° 45' 09.63619" N	23° 46' 14.25709" E	4223083÷749	1860016÷309	4388311÷576	27÷183	stabilized with cement post
26	8543009÷855	4757673÷462	43° 45' 14.70754" N	23° 46' 13.00395" E	4222995÷989	1859947÷023	4388424÷632	27÷419	stabilized with cement post
27	8542983÷201	4757823÷272	43° 45' 19.56727" N	23° 46' 11.85871" E	4222911÷386	1859881÷766	4388532÷968	26÷811	stabilized with cement post
28	8542945÷624	4758031÷548	43° 45' 26.32372" N	23° 46' 10.24314" E	4222793÷970	1859790÷562	4388683÷582	26÷815	stabilized with cement post
29	8542909÷920	4758228÷297	43° 45' 32.70627" N	23° 46' 08.70766" E	4222683÷130	1859704÷215	4388825÷858	26÷928	stabilized with cement post
30	8542874÷059	4758425÷163	43° 45' 39.09263" N	23° 46' 07.16511" E	4222572÷273	1859617÷689	4388968÷214	26÷979	stabilized with cement post
31	8542838÷229	4758621÷961	43° 45' 45.47678" N	23° 46' 05.62383" E	4222461÷444	1859531÷209	4389110÷517	26÷712	stabilized with cement post
32	8542803÷184	4758814÷435	43° 45' 51.72065" N	23° 46' 04.11622" E	4222353÷047	1859446÷625	4389249÷689	26÷946	stabilized with cement post
33	8542796÷490	4758891÷210	43° 45' 54.20961" N	23° 46' 03.84052" E	4222306÷903	1859419÷566	4389305÷165	26÷239	stabilized with cement post
34	8542805÷993	4758981÷271	43° 45' 57.12544" N	23° 46' 04.29300" E	4222245÷854	1859403÷740	4389370÷155	27÷011	stabilized with cement post
35	8542818÷484	4759044÷583	43° 45' 59.17394" N	23° 46' 04.87087" E	4222200÷621	1859397÷943	4389415÷812	27÷342	stabilized with cement post
36	8542837÷089	4759139÷070	43° 46' 02.23113" N	23° 46' 05.73167" E	4222133÷128	1859389÷257	4389483÷951	27÷244	stabilized with cement post
37	8542818÷453	4759141÷444	43° 46' 02.31220" N	23° 46' 04.89922" E	4222139÷048	1859371÷520	4389485÷758	27÷258	moved from its design position
38	8542849÷119	4759288÷148	43° 46' 07.05851" N	23° 46' 06.31530" E	4222033÷545	1859359÷665	4389591÷542	27÷284	stabilized with cement post
39	8542792÷740	4759311÷372	43° 46' 07.82350" N	23° 46' 03.80179" E	4222041÷255	1859301÷633	4389608÷592	27÷367	stabilized with cement post
40	8542917÷045	4759540÷749	43° 46' 15.22753" N	23° 46' 09.42992" E	4221845÷849	1859353÷120	4389773÷605	27÷961	stabilized with cement post
41	8542748÷955	4759629÷161	43° 46' 18.12945" N	23° 46' 01.94162" E	4221856÷646	1859174÷877	4389838÷280	27÷944	stabilized with a metal mark
42	8542721÷933	4759640÷492	43° 46' 18.50257" N	23° 46' 00.73691" E	4221860÷214	1859147÷009	4389846÷595	28÷166	stabilized with cement post
43	8542737÷222	4759676÷958	43° 46' 19.68065" N	23° 46' 01.43167" E	4221830÷931	1859151÷092	4389872÷850	33÷115	stabilized with cement post

44	8542800÷000	4759829÷000	43° 46' 24.59279" N	23° 46' 04.28524" E	4221709÷223	1859167÷227	4389982÷321		non-stabilized
44A	8543531÷000	4759673÷000	43° 46' 19.37458" N	23° 46' 36.92145" E	4221516÷958	1859880÷101	4389866÷022		non-stabilized
45	8543437÷996	4759587÷080	43° 46' 16.61181" N	23° 46' 32.73637" E	4221608÷677	1859818÷229	4389804÷451	27÷732	stabilized with cement post
46	8543394÷585	4759547÷455	43° 46' 15.33777" N	23° 46' 30.78310" E	4221651÷182	1859789÷218	4389776÷057	29÷043	stabilized with cement post
47	8543291÷097	4759452÷133	43° 46' 12.27267" N	23° 46' 26.12652" E	4221753÷057	1859720÷293	4389707÷747	32÷738	stabilized with cement post
48	8543181÷023	4759350÷209	43° 46' 08.99510" N	23° 46' 21.17357" E	4221861÷754	1859647÷126	4389634÷701	31÷960	stabilized with cement post
49	8543031÷037	4759212÷597	43° 46' 04.57011" N	23° 46' 14.42536" E	4222009÷052	1859547÷082	4389536÷080	27÷299	stabilized with cement post
50	8542933÷916	4759166÷629	43° 46' 03.10246" N	23° 46' 10.06908" E	4222077÷002	1859470÷543	4389503÷370	27÷414	stabilized with cement post
51	8542916÷422	4759114÷498	43° 46' 01.41734" N	23° 46' 09.27092" E	4222117÷122	1859468÷706	4389465÷813	27÷207	stabilized with cement post
52	8542896÷185	4759013÷447	43° 45' 58.14784" N	23° 46' 08.33510" E	4222189÷439	1859477÷684	4389392÷942	27÷163	stabilized with cement post
53	8542879÷831	4758917÷050	43° 45' 55.02827" N	23° 46' 07.57433" E	4222257÷248	1859488÷954	4389323÷411	27÷443	stabilized with cement post
54	8542886÷400	4758818÷544	43° 45' 51.83525" N	23° 46' 07.83772" E	4222317÷257	1859521÷819	4389252÷243	27÷234	stabilized with cement post
55	8542922÷506	4758620÷098	43° 45' 45.39764" N	23° 46' 09.39081" E	4222429÷028	1859609÷003	4389108÷752	26÷963	stabilized with cement post
56	8542957÷023	4758430÷129	43° 45' 39.23503" N	23° 46' 10.87539" E	4222536÷039	1859692÷419	4388971÷388	27÷210	stabilized with cement post
57	8542995÷496	4758218÷591	43° 45' 32.37270" N	23° 46' 12.53007" E	4222655÷181	1859785÷337	4388818÷422	27÷284	stabilized with cement post
58	8543007÷813	4758167÷179	43° 45' 30.70422" N	23° 46' 13.06482" E	4222682÷954	1859810÷640	4388781÷229	27÷240	stabilized with cement post
59	8543022÷707	4758086÷655	43° 45' 28.09195" N	23° 46' 13.70578" E	4222728÷205	1859846÷237	4388722÷998	28÷615	stabilized with cement post
60	8543052÷412	4757925÷573	43° 45' 22.86632" N	23° 46' 14.98393" E	4222818÷761	1859917÷365	4388606÷510	27÷239	stabilized with cement post
61	8543076÷710	4757790÷267	43° 45' 18.47703" N	23° 46' 16.02829" E	4222895÷084	1859976÷510	4388508÷663	27÷267	stabilized with cement post
62	8543194÷407	4757598÷741	43° 45' 12.24530" N	23° 46' 21.22995" E	4222969÷903	1860136÷622	4388369÷740	26÷940	stabilized with cement post
63	8543191÷076	4757567÷394	43° 45' 11.23042" N	23° 46' 21.07137" E	4222991÷157	1860142÷107	4388347÷115	26÷598	stabilized with a metal mark
64	8543219÷222	4757559÷369	43° 45' 10.96410" N	23° 46' 22.32694" E	4222985÷036	1860170÷105	4388341÷177	26÷923	stabilized with cement post
65	8543230÷721	4757541÷158	43° 45' 10.37149" N	23° 46' 22.83527" E	4222992÷027	1860185÷611	4388327÷966	26÷747	stabilized with cement post
66	8543279÷545	4757492÷496	43° 45' 08.78389" N	23° 46' 25.00248" E	4223003÷491	1860243÷641	4388292÷573	27÷250	stabilized with cement post
67	8543346÷068	4757387÷916	43° 45' 05.38059" N	23° 46' 27.94339" E	4223043÷441	1860333÷135	4388216÷700	27÷200	stabilized with cement post
68	8543361÷193	4757304÷574	43° 45' 02.67693" N	23° 46' 28.59355" E	4223090÷385	1860369÷709	4388156÷425	27÷482	stabilized with cement post
69	8543407÷168	4757227÷218	43° 45' 00.16028" N	23° 46' 30.62439" E	4223121÷222	1860432÷943	4388100÷318	27÷971	stabilized with cement post
70	8543430÷088	4757077÷122	43° 44' 55.29206" N	23° 46' 31.60213" E	4223207÷484	1860494÷849	4387991÷783	32÷420	stabilized with cement post
71	8543389÷840	4757030÷963	43° 44' 53.80559" N	23° 46' 29.78894" E	4223252÷872	1860470÷514	4387958÷643	35÷363	stabilized with cement post



"АЕЦ Козлодуй" ЕАД, Цех ХТС и СК				№ ХТС-1424	
Объект: АЕЦ "Козлодуй"		Часть: Геодезическая			
Связь с пунктами на строительной границе на АЕЦ "Козлодуй" в районе на ТК-2	Дилжност:	Име:	Подпис:	Лист:	1/1
	Изготвил:			Колоне:	1/2
	Рис. група Гид:	И. Николов		Машаб:	1:8000
	Проверил:			Дата:	29.10.13
	И-к цел:	Ц. Маринов		Земляк №:	
				ХТС: 131-5762013	