Република България

Министерство на околната среда и водите

Министър

99-00-68
18 април 2013 г.

Относно: Уведомление за инвестиционно предложение „Изграждане на нова ядрена мощност от най-ново поколение на площадката на АЕЦ „Козлодуй"

УВАЖАЕМИ ГОСПОДИН МИНИСТЪР,

В отговор на Ваше писмо изх. № BMLFUW-UW.1.4.2/0016-V/1/2013 и съгласно чл. 3, параграф 2 от *Конвенцията за оценка на въздействието върху околната среда в трансграничен контекст* и чл. 7, параграф 1 от *Директивата за ОВОС*, приложено Ви изпращаме форма за уведомяване относно *„Изграждане на нова ядрена мощност от най-ново поколение на площадката на АЕЦ „Козлодуй"*.

Предвид провеждащата се в Република България процедура за оценка на въздействието върху околната среда (ОВОС) на инвестиционното предложение, която е на етап консултации по изработеното задание за ОВОС, Ви информираме, че след съгласуване на обхвата на оценката с всички заинтересовани български институции и общественост, както и при заявена от Ваша страна необходимост, тази документация ще Ви бъде изпратена допълнително.

По повод на приложено предоставената Ви към настоящето писмо нотификация, моля, да имате предвид, че срокът за отговор по смисъла на чл. 3, параграф 3 от *Конвенцията* е четири седмици от датата на получаване на документа.

Използвам случая, за да изразя почитанията си и готовността за бъдещо ползотворно сътрудничество.

Приложение: нотификация.

Искрено Ваш,

Юлиян Попов

"За министър:
Заместник-министър: Ив. Манева
Заповед за заместване РД-368/16.04.13г.

София 1000, бул. "Мария Луиза" 22 **тел. +3592 988 2577; факс: +359 2 986 2533**

NOTIFICATION

TO AN AFFECTED PARTY OF A PROPOSED ACTIVITY UNDER ARTICLE 3 OF THE CONVENTION ON ENVIRONMENTAL IMPACT ASSESSMENT IN A TRANSBOUNDARY CONTEXT

ABOUT

CONSTRUCTION OF ONE NEW LATEST GENERATION NUCLEAR UNIT IN THE REPUBLIC OF BULGARIA

1. INFORMATION ON THE PROPOSED ACTIVITY	
(i) Information on the nature of the proposed activity	
Type of activity proposed	Electricity production in nuclear power plant.
Is the proposed activity listed in Appendix I to the Convention?	Yes.
Scope of proposed activity (e.g. main activity and any/all peripheral activities requiring assessment)	Main activity: Construction, commissioning and operation of one new nuclear unit; Peripheral activities: Temporary storage of radioactive waste and spent fuel.
Scale of proposed activity (e.g. size, production capacity, etc.)	One unit of approximately 1200 MW (el.).
Description of proposed activity (e.g. technology used)	Proposed technologies are pressurized light water reactor, working with water as coolant and moderator (PWR). The reactor will use enriched uranium as a fuel.
Description of purpose of proposed activity	Securing the energy balance through a new base build.
Rationale for proposed activity (e.g. socio-economic, physical geographic basis)	Construction of replacement power capacities in the Republic of Bulgaria included in the National Energy Strategy of the country.
Additional information/comments	
(ii) Information on the spatial and temporal boundaries of the proposed activity	
Location	The site is located at the 694th kilometre along the Danube River, 3.7 km to the South of the river bed, and which is state boundary with the Republic of Romania. The proposed site is adjacent to or within existing Kozloduy NPP site.
Description of the location (e.g. physical-geographic, socio-economic characteristics)	The region of the site is located in the northern part of the first non-floodable terrace of the Danube river. The Kozloduy site is situated on a plain, with an average altitude varying from +28.00 m to +36.00 m according to the Baltic altitude system. The lowland and the site are

	protected from the Danube River by means of a dyke which reaches an absolute elevation of +32.00 m.
Rationale for location of proposed activity (e.g. socio-economic, physical-geographic basis)	Kozloduy NPP site was chosen for the construction of the new nuclear power unit since this is a licensed nuclear site with built infrastructure for electrical supply and service water supply, as well as for the availability of experienced and highly qualified staff.
Time-frame for proposed activity (e.g. start and duration of construction and operation)	The time foreseen for the preparation, construction and commissioning of the new facility is 145 months within the period 2012-2023. The expected operational lifetime of the new facility is 60 years – 2023-2083.
Maps and other pictorial documents connected with the information on the proposed activity	A geographic map with the location of the site for new nuclear power unit is enclosed.
Additional information/comments	
(iii) Information on expected environmental impacts and proposed mitigation measures	
Scope of assessment (e.g. consideration of: cumulative impacts, evaluation of alternatives, sustainable development issues, impact of peripheral activities, etc.)	Assessment of impact on soils, water, flora and fauna, air including radiation impact and impact on the human health will be a subject for consideration in the EIA report. The EIA report will be elaborated according to the requirements of the Bulgarian Environmental Protection Act/2002 which introduces the requirements of the relevant EC Directives; the Regulation for the conditions and the order for performing an EIA/2003 and the ToR for EIA. Also, the report will include assessment of the cumulative impacts of all nuclear facilities on site.
Expected environmental impacts of proposed activity (e.g. types, locations, magnitudes)	Radiation and non-radiation impacts on soils, water and air: • inessential thermal and chemical pollution of cooling circulation waters to be discharged into the Danube river; • potential soils pollution by radioactive nuclides, fuels and chemicals in emergency situations; • controlled discharges of radioactive nuclides and aerosols into the atmosphere. Potential sources of noise and vibration: • building of the site. Potential sources of pollution for aquatic and terrestrial ecosystems: • contaminant accumulation from spills of fuels and chemicals; • radiological impact from radioactive nuclides produced during operation and RAW management. Expected environmental impacts will be analysed within the EIA Report.
Inputs (e.g. raw material, power sources, etc.)	The reactor will use enriched uranium as a fuel.

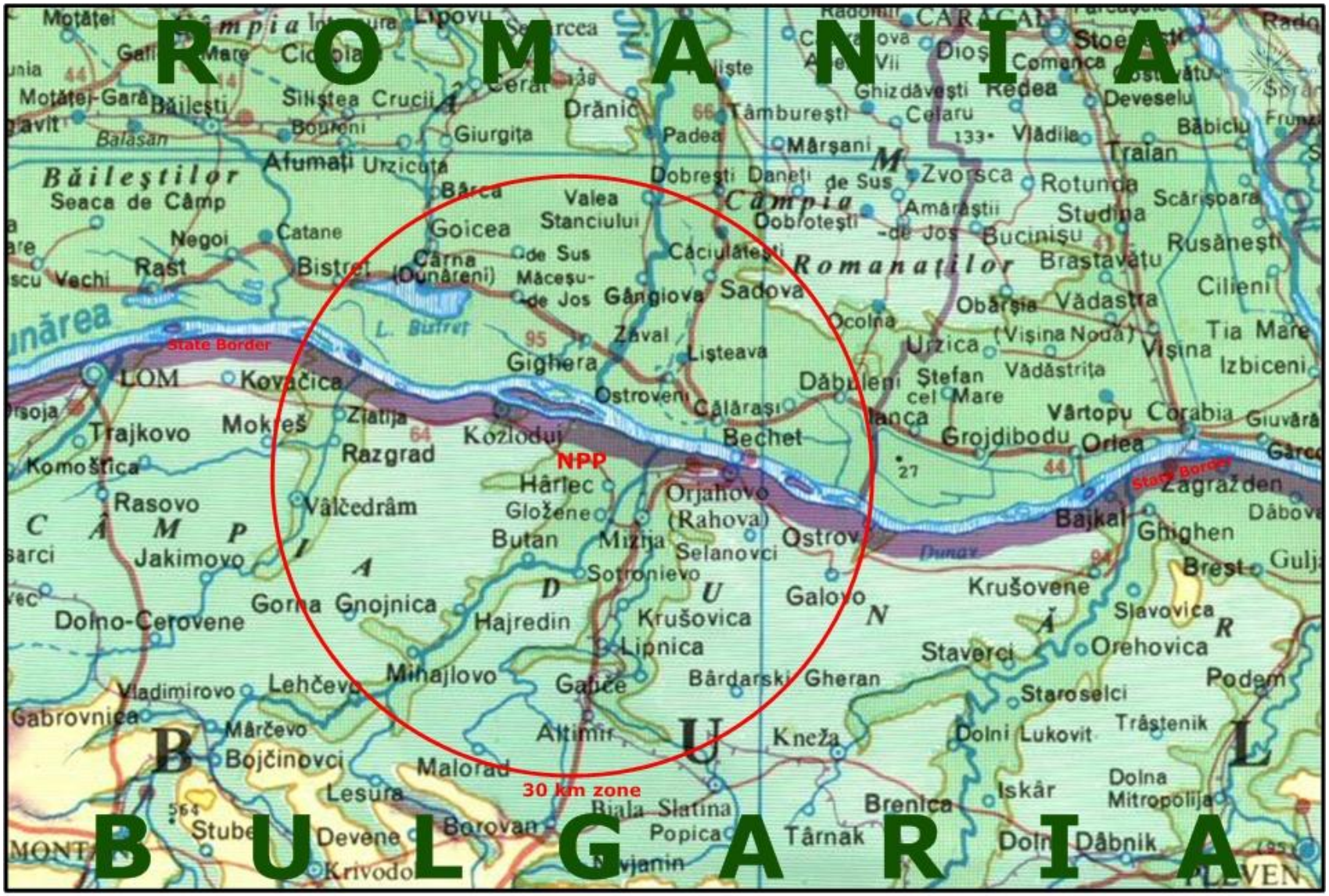
Outputs (e.g. amounts and types of: emissions into the atmosphere, discharges into the water system, solid waste)	All outputs: - controlled emissions of radioactive products into the atmosphere; - controlled discharges of radioactive waste waters; - radioactive solid waste; - dangerous, toxic substances and materials, will be in accordance with our legislation in area of safe use of nuclear energy, environmental protection and the standards and regulations of IAEA.. The cumulative effect of simultaneous operation of the all nuclear facilities on site will be recorded (with sufficient margins) within the limits allowed by the applicable national and international norms.
Transboundary impacts (e.g. types, locations, magnitudes)	No transboundary environmental impacts are expected in normal operation. Within the 100 km zone around the site is only one country – Romania. The distance between the site and the state boundary of Austria is about 900 km
Proposed mitigation measures (e.g. if known, mitigation measures to prevent, eliminate, minimize, compensate for environmental effects)	They will be specified in the EIA report based on the final conclusions of the possible impacts and taking into account the national and international standards and documents (of IAEA).
Additional information/comments	No
(iv) Proponent/developer	
Name, address, telephone and fax numbers	LUBEN MARINOV Executive Director "KOZLODUY NPP – NEW BUILDS" PLC 3321 Kozloduy, Bulgaria Tel. +359 973 7 2104 Fax: +359 973 7 2422 E-mail: newbuild@npp.bg
(v) EIA documentation	
Is the EIA documentation (e.g. EIA report or EIS) included in the notification?	No
If no/partial, description of additional documentation to be forwarded and (approximate) date(s) when documentation will be available	The consulted with the relevant BG concerned groups on the BG territory ToR for the scope of EIA will be available approximately by the end of May 2013. EIA report will be completed approximately in the first trimester of 2014. Based on the BG legislation this report will be available for the concerned public after obtaining a positive evaluation by the competent BG environmental authority.
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	Ministry of Agriculture, Forestry, Environment and Water Management A-1010, Wien, Stubenbastei 5 Austria
List of affected Parties to which notification is being sent	Romania and Austria after request
(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	Bulgarian Nuclear Regulatory Agency (BNRA) 69 Shipchenski prohod Blvd. 1574 Sofia, Bulgaria Tel: (+359 2) 9406-800 Fax:(+359 2) 9406-919 E-mail: mail@bnra.bg
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	Around 19 months
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	The third trimester of 2014 for EIA decision according Bulgarian legislation and construction permit by BNRA – the middle of 2019.
Process for approval of the proposed activity	In accordance with the Bulgarian legislation - Energy Act/2003, Act of Safe Use of Atomic Energy/2002, Environmental Protection Act/2002, Spatial Development Act/2001
Additional information/comments	Additional information on the national EIA procedure can be found on the internet site of the Ministry of Environment and Water: www3.moew.government.bg
4. INFORMATION ON THE PUBLIC PARTICIPATION PROCESS IN THE COUNTRY OF ORIGIN	
Public participation procedures	In accordance with the Bulgarian Environmental Protection Act/2002 and its sub legislative acts public involvement is: - during the consultations on the ToR of the scope of te EIA – no

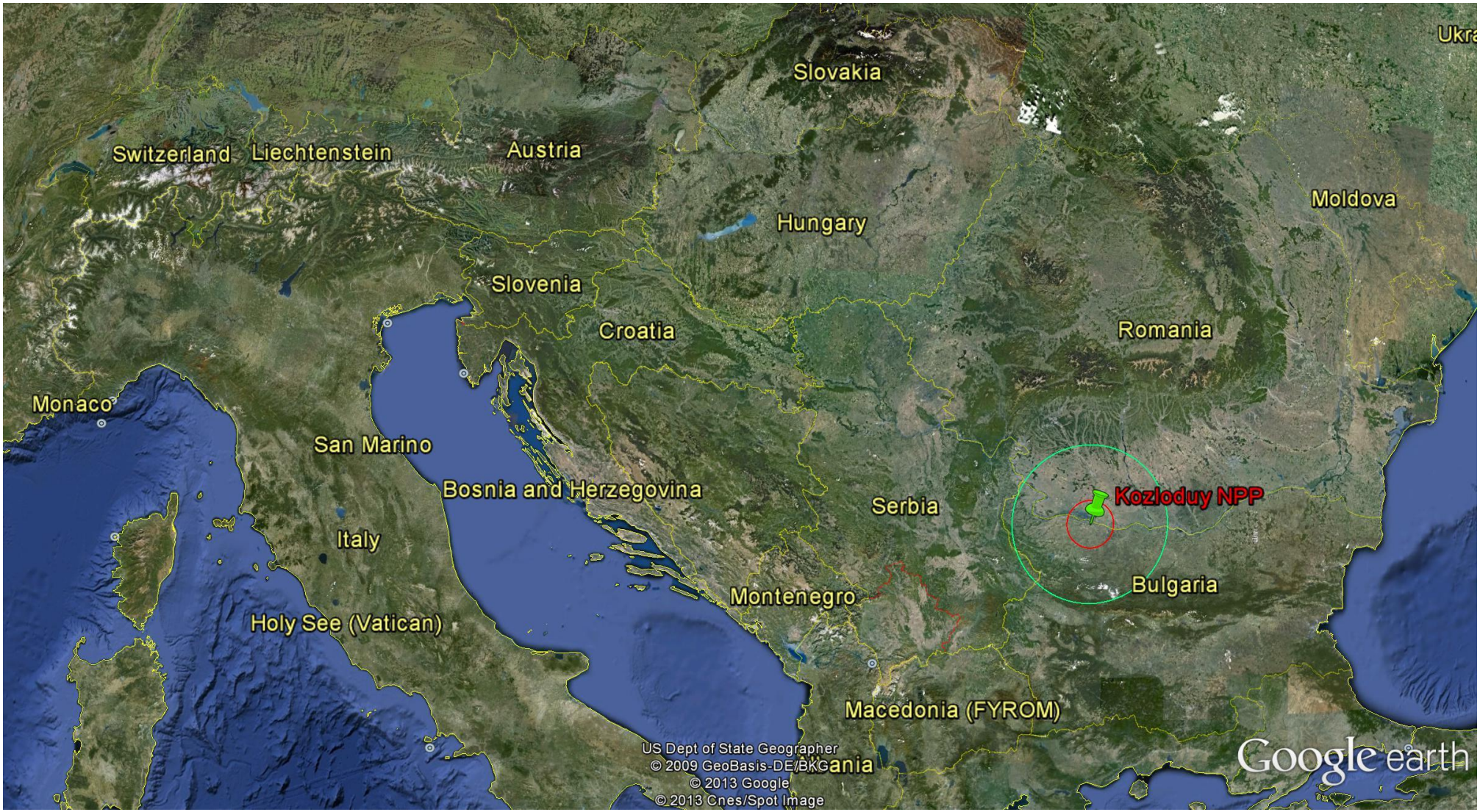
	legal requirements for the timeframe, usually no more that 30 days; - assess to the EIA report for the period for 1 month as a minimum and an opportunity for submitting the opinions, comments and proposals in writing; - participation on the meetings for discussions on the EIA report, which could be organized by the developer and the conserned local authorities, defined by the competent environmental authority. The meetings could be organized after the 1 month period for assess to the EIA report.
Expected start and duration of public consultation	The second trimester of 2014 for public hearings on the EIA report on the BG territory
Additional information/comments	-
5. DEADLINE FOR RESPONSE	
Date	4 weeks from date of receiving the notification.

New Nuclear Unit Site Location Map

New Nuclear Unit Site Location Map and Urgent Protective Action Planning Zone



New Nuclear Unit Site Location Map



Location of the New Nuclear Unit Site on the Europe Map with
30 km and 100 km area around the site