



DEPARTMENT ORDER NO. D02024-01-0001 *ms*

**CREATING THE DOE NUCLEAR ENERGY PROGRAM COORDINATING
COMMITTEE (DOE NEP-CC)**

WHEREAS, the Department of Energy – Nuclear Energy Program Implementing Organization (DOE-NEPIO) was created on 24 October 2016 through the issuance of DOE Department Order (DO) No. DO2016-10-0013, titled “Creating the Nuclear Energy Program Implementing Organization (NEPIO) in the Department of Energy”, to lead in the unified and coordinated efforts and activities relative to the conduct of various studies and research on nuclear energy development in the country;

WHEREAS, the DOE-NEPIO has completed the necessary work under Phase 1 (*Considerations before a decision to launch a nuclear power programme is taken*) of the International Atomic Energy Agency (IAEA) milestone approach, and has conducted several undertakings that all led to the conduct of the Integrated Nuclear Infrastructure (INIR) Mission Phase 1 on 11-17 December 2018 attended by 13 experts from IAEA, including the conduct of energy planning studies and a pre-feasibility study, and assessment of all aspects of nuclear power infrastructures, as well as submitted the recommendation for a “National Position to Embark on a Nuclear Power Program” to the Office of the President on 16 April 2018;

WHEREAS, on 24 July 2020, Executive Order No. 116 (EO 116), titled “Directing a Study for the Adoption of a National Position on a Nuclear Energy Program, Constituting a Nuclear Energy Program Inter-Agency Committee, and for other Purposes”, was issued, directing, among others, the creation of the NEP-IAC which is mandated to conduct a pre-feasibility study to evaluate and assess the need for and viability of introducing nuclear power into the State’s energy mix;

WHEREAS, on 28 January 2022, Executive Order No. 164 (EO 164), titled “Adopting a National Position for a Nuclear Energy Program, and for other Purposes”, was issued outlining the government’s position for the inclusion of nuclear energy in the Philippine energy mix, taking into account economic, political, social and environmental objectives;

WHEREAS, under EO 164, the DOE is mandated to develop and implement the Nuclear Energy Program as part of the Philippine Energy Plan (PEP), and coordinate with and assist the NEP-IAC in the performance of its functions;

WHEREAS, following said mandate, the DOE revised its energy roadmap to incorporate in the 2023 to 2050 PEP a clean energy scenario, which envisions a more diverse energy mix that includes nuclear energy;

WHEREAS, as the country embarks on Phase 2 (Preparatory work for the construction of a nuclear power plant after a policy has been taken) and Phase 3 (Activities to implement a first nuclear power plant), there is a need to reorganize the coordinating arm of the DOE to effectively and responsibly assist the NEP-IAC and realize the DOE’s goal of tapping 2,400 MW of nuclear power by 2032;

WHEREAS, the Energy Utilization Management Bureau (EUMB) is mandated to formulate and implement policies, programs, and regulations on new energy technologies, alternative fuels and the efficient, economical transformation, marketing and distribution of conventional and renewable energy resources and undertake plans, programs and strategies to ensure efficient and judicious utilization of conventional and renewable energy resources.

NOW, THEREFORE, for and in consideration of the foregoing premises, the following are hereby ordered.

Section 1. Creation of the DOE Nuclear Energy Program Coordinating Committee

The DOE Nuclear Energy Program Coordinating Committee (DOE NEP-CC) is hereby created to ensure the effective participation of the DOE in the NEP-IAC pursuant to EO 164, series of 2022. It shall serve as the coordinating arm of the DOE to the NEP-IAC in the implementation of the activities for Phases 2 and 3 of the IAEA milestone approach.

Section 2. Composition of the DOE NEP-CC

The NEP-CC shall be composed of the following:

- Chairperson : Undersecretary
- Vice-Chairperson : Undersecretary
- Members : Director, Electric Power Industry Management Bureau (EPIMB)
- Director, Energy Policy and Planning Bureau (EPPB)
- Director, Energy Resource Development Bureau (ERDB)
- Director, Energy Utilization Management Bureau (EUMB)
- Director, Administrative Services (AS)
- Director, Energy Research Testing and Laboratory Services (ERTLS)
- Director, Financial Services (FS)
- Director, Information Technology and Management Services (ITMS)
- Director, Legal Services (LS)
- Representative, Office of the Secretary (OSEC)
- Head, Investment Promotions Office (IPO)
- Head, Public Affairs Office (PAO)

Section 3. Responsibilities of the DOE NEP-CC

Members of the DOE NEP-CC shall be the official representatives of the DOE in the NEP-IAC and its various subcommittees and shall have the overall responsibility to oversee and coordinate the priority activities of the NEP-IAC.

3.1 Chairperson. The Chairperson shall have the following functions and responsibilities:

1. Represent the Secretary in the NEP-IAC (*Alternate Chairperson*) and oversee the implementation of its priority activities;
2. Serve as the national coordinator in the implementation of the Nuclear Energy Program as part of the PEP;
3. Convene and preside over all the meetings, focus group discussions (FGDs), and multi-sectoral public consultations and ensure complete dissemination of all discussions and agreements during the conduct of meetings of the NEP-IAC;
4. Submit report/s to the DOE Secretary on all deliverables/output of each activity implemented; and
5. Perform such other responsibilities as may be assigned by the DOE Secretary.

3.2 Vice Chairperson. The Vice Chairperson shall discharge the functions of the Chairperson in the latter's absence or whenever designated by the Chairperson.

3.3 Members. The members of the DOE NEP-CC shall have the following functions and responsibilities:

1. Create working groups within their respective bureaus/services/units and designate personnel who shall provide technical support to the DOE NEP-CC and the NEP-IAC and its Sub-Committees.

The names of the designated personnel, including any change/s thereof, shall be duly communicated to the Technical Secretariat.

2. Undertake relevant studies, programs, and activities and attend to particular concerns on the development of a nuclear power program, assist the NEP-IAC and its Sub-Committees, specifically on the following:

NEP-IAC Sub-Committees	Bureaus/ Services/Offices	Infrastructures
SC 1	EUMB FS and IPO	<p>Management. Development and preparation of the management requirements for the country's nuclear power program.</p> <p>Procurement. Recommend a procurement policy that is consistent with the nuclear power plant strategy and industrial involvement policy.</p> <p>Funding and Financing. Establish a financial plan to support the</p>

NEP-IAC Sub-Committees	Bureaus/ Services/Offices	Infrastructures
	EPIMB	<p>nuclear power program of the country.</p> <p>Electrical Grid. Assess and make recommendation on the issues that will enable the organization responsible for the transmission system to understand the special requirements of nuclear power plants that affect the design and operation of the electrical grid.</p>
SC 2	ERTLS Energy Resource Development Bureau (ERDB) and ERTLS	<p>Nuclear Safety. Establishment of policies for the development of safety culture within all organizations involved in the nuclear program.</p> <p>Radiation Protection. Development of radiation monitoring and protection programs</p> <p>Security and Physical Protection. Recommend a national policy and strategy for nuclear security, roles and responsibilities of government agencies for nuclear security and international legal instruments relevant to nuclear security.</p> <p>Safeguards. Undertake steps to meet the country's safeguards obligations.</p>
SC 3	LS	<p>Legislative Framework.</p> <ol style="list-style-type: none"> a. Enactment of comprehensive national legislation covering all aspects of nuclear safety, nuclear security, safeguards and civil liability for nuclear damage, and all other legislation that may affect the nuclear power program. b. Undertake the necessary steps to adhere to the international legal instruments. <p>Regulatory Framework. Establishment of an independent competent, well-resourced nuclear regulatory body.</p>

NEP-IAC Sub-Committees	Bureaus/ Services/Offices	Infrastructures
		<p>The SC may designate other bureaus, services, or offices to assist in the TWGs, direct the conduct of any other studies and/or handle special concerns on nuclear energy.</p>
<p>SC 4</p>	<p>AS</p> <p>EPPB and PAO</p> <p>EUMB</p>	<p>Human Resource Development. Development of a human resource plan and ensuring the availability of highly-skilled professionals, competent individuals and skilled workers for the safe, efficient and reliable operation of a nuclear power plant as its operations require the most advanced and technology specific skills of the industry.</p> <p>Stakeholder Involvement. Establish stakeholder involvement programs and provide a continuing forum for communication and cooperation among the key parties.</p> <p>Industrial Involvement. Establish a policy on developing industrial capabilities and technology transfer and the desired level of local and domestic participation.</p>
<p>SC 5</p>	<p>ERDB and ITMS</p>	<p>Site and Supporting Facilities. Assess and evaluate the optimal location for the construction of a nuclear power plant, interim spent fuel storage, and waste processing facility and ensure that factors such as local population acceptance, location to transmission infrastructure, and local worker settlement shall be optimized.</p> <p>Nuclear Minerals Resource Assessment</p> <ol style="list-style-type: none"> a. To prepare an assessment of the nuclear minerals' potential areas in the country for possible exploration, development, and utilization. b. To ensure that the economic and strategic significance of nuclear minerals is duly

Section 7. Funding and Administrative Support. The funding requirements for the NEP shall be incorporated in the annual budget of DOE, subject to existing accounting and auditing laws and regulations.

Upon approval of the DOE Secretary, the 20% DOE share under the Special Account of the General Fund (SAGF) 151 may be used for the NEP.

Section 8. Separability Clause. If for any reason, any section or provision of this DO is declared to be unconstitutional or invalid, such parts not so affected shall remain in full force and effect.

Section 9. Repealing Clause. This DO repeals DO No. DO2016-10-0013 and Special Order No. SO2016-10-0050. All DOE issuances that are inconsistent with the provisions of this DO are hereby repealed or amended accordingly.

Section 10. Effectivity Clause. This DO shall take effect immediately upon signing and shall remain in force unless revoked or modified accordingly.

Issued this JAN 29 2024 at the DOE, Energy Center, Rizal Drive cor. 34th Street, Bonifacio Global City, Taguig City.


RAPHAEL P.M. LOTILLA
Secretary

