

STATEMENT OF INTENT
BETWEEN
THE DEPARTMENT OF ENERGY OF THE UNITED STATES OF AMERICA
AND
THE GHANA ATOMIC ENERGY COMMISSION
CONCERNING
COOPERATION ON THE ESTABLISHMENT OF A REGIONAL CLEAN ENERGY
TRAINING CENTER

The Department of Energy of the United States of America (DOE) and the Ghana Atomic Energy Commission (GAEC), represented by the Nuclear Power Institute (NPI), hereinafter referred to individually as a "Participant" and collectively as the "Participants":

Acknowledging the enduring diplomatic relationship between the United States and Ghana, which includes long-standing cooperation in the fields of security, energy and commerce;

Recognizing the existing cooperation between their two countries under the Memorandum of Understanding Concerning Strategic Civil Nuclear Cooperation between the United States of America and the Republic of Ghana, signed on July 13, 2021;

Recognizing the mutual benefit of scientific and technological cooperation and of information exchange for exploring areas of cooperation related to peaceful uses of nuclear energy and its integration with other clean energy sources; and

Noting their shared desire to pursue cooperation in the development of a well-trained nuclear workforce, infrastructure and technological base that is essential to a sustainable national nuclear energy program,

State their intention as follows:

SECTION I

PURPOSE

The main objective of this Statement of Intent (Statement) is to provide a framework for the Participants to cooperate in the establishment of a regional Clean Energy Training Center (CETC) to support and promote bilateral and multilateral development of human capital and infrastructure capacity building activities relating to peaceful uses of nuclear energy, including joint educational and professional training activities between enterprises and research institutions of the United States of America and the Republic of Ghana, and to facilitate existing national and international programs employing educational, vocational, and scientific



methodology under the auspices of the CETC supporting the development of all aspects of a national nuclear energy program in the Republic of Ghana.

The Participants also intend to exchange best practices and expertise in other areas listed in Section II involving the sustainable, safe and secure development of nuclear energy for peaceful purposes.

SECTION II

PLANNED AREAS OF COOPERATION

Areas of cooperation under this Statement may include, but are not limited to, the following:

1. Vocational training and workforce capacity building (including certifications);
2. Augmentation of learning in academia and research organizations;
3. Energy infrastructure development and decommissioning;
4. Energy modeling and economics;
5. Megaproject planning and management;
6. Nuclear reactor design and operation;
7. Nuclear waste storage and disposal of waste streams (spent nuclear fuel, intermediate-level waste and low-level waste)
8. Cybersecurity, safeguards, safety and physical security;
9. Simulator training;
10. Safety analyses in support of U.S.-designed advanced reactors;
11. Regulatory framework, including:
 - a. Nuclear licensing
 - b. Application reviews
 - c. Inspection; and
12. Public education, awareness, and stakeholder involvement.

Additional areas of cooperation under this Statement may be determined by mutual written decision of the Participants.

SECTION III

FORMS OF COOPERATION

The forms of cooperation under this Statement in the areas listed in Section II may include the following:

- 1) Activities supporting a continuing skills pipeline, including:
 - a. Educational training for high school, university, graduate and post-doctoral levels;
 - b. Vocational and other professional training and certification programs;
- 2) Use of in-person and virtual training methods;
- 3) Hands-on training and classroom instruction techniques, as appropriate;

- 4) Internships, fellowships, science, technology, engineering and math (STEM) scholarships;
- 5) Collaboration with relevant international organizations and public and private sector entities in both Participants' countries and third countries, including government agencies and professional organizations, as the Participants may jointly decide in writing;
- 6) Joint seminars, workshops, symposia and other scientific meetings aiming to best advance national capacities;
- 7) Organization of study stays, educational activities, workshops or internships for experts; and
- 8) Other forms of cooperation as the Participants may jointly decide in writing.

SECTION IV

IMPLEMENTATION

1. The Participants intend to identify points of contact comprised of representatives of each Participant (DOE may include participating DOE national laboratories), in order to coordinate the planning, management, and implementation of the planned areas of cooperation identified in Section II, including coordination of any additional written arrangements which may be necessary to implement those activities.
2. The Participants intend to exchange only publicly available information under this Statement, and do not intend to create or transfer any intellectual property.
3. Each Participant intends to carry out the cooperative activities contemplated by this Statement subject to the availability of appropriated funds and in accordance with applicable laws, regulations, and policies.
4. The activities of the regional CETC are envisioned to be jointly decided one year at a time, with the establishment by the Participants of an annual plan consisting of a training plan, milestones and deliverables. The annual plan is expected to be reviewed and revised at the start of each year by the Participants, to include an effectiveness review of programs offered.

SECTION V

GENERAL PROVISIONS

1. The Participants intend for the CETC to be regional in nature and therefore accessible by such regional enterprises, research institutions and individuals as are jointly approved by the Participants. By mutual written decision, the Participants may invite additional organizations in the public and private sectors to participate in the

cooperative activities under this Statement, on such terms as the Participants jointly decide.

2. Each Participant is responsible for its own costs of participating in cooperative activities under this Statement unless specified otherwise in writing by the Participants.
3. The Participants expect the Ghanaian entity hosting the CETC to ensure adequate facilities and other resources for the CETC, including but not limited to appropriate furnishings and equipment, staff that is at least partially dedicated to supporting a secretariat function for the CETC, as well as access to classroom space for in-person training.
4. This Statement does not create any legally binding rights or obligations between the Participants.

SECTION VI

COMMENCEMENT, MODIFICATION, AND DISCONTINUATION

1. Cooperative activities under this Statement may commence upon signature by both Participants.
2. This Statement may be modified by mutual written decision of the Participants.
3. The Participants may discontinue cooperative activities under this Statement at any time by mutual written decision. Alternatively, a Participant who wishes to discontinue its participation in this Statement may do so at any time and should endeavor to provide at least six months' advance written notice to the other Participant.
4. Unless otherwise specified in writing by either Participant, the Participants intend to permit ongoing activities not completed upon expiration or discontinuation of this Statement to continue to completion under the provisions of this Statement.

Signed at Accra, in duplicate in the English language, this ___ day of August 2024.

**FOR THE DEPARTMENT OF ENERGY
OF THE UNITED STATES OF AMERICA:**



Aleshia Duncan
Deputy Assistant Secretary

**FOR THE GHANA ATOMIC
ENERGY COMMISSION:**



Samuel Boakye Dampare
Director General