

AMERICAN ELECTRIC POWER COMPANY, INC.
NUCLEAR OVERSIGHT COMMITTEE
OF THE BOARD OF DIRECTORS
CHARTER

Amended and Restated July 20, 2026

I. PURPOSE

The Nuclear Oversight Committee (the “Committee”) shall:

- A. Provide assistance to the Board of Directors in fulfilling its responsibilities to the shareholders with respect to its oversight of:
 - 1. the management and operation of the Company’s nuclear generation;
 - 2. the safety and reliability of the Company’s nuclear plant operations;
 - 3. the Company’s compliance with nuclear safety, operations and environmental laws and regulations;
 - 4. the Company’s long term nuclear development program; and
 - 5. the risks faced by the Company arising from nuclear operations and from the execution of its nuclear development program, and control or mitigation of those risks.

II. STRUCTURE AND OPERATIONS

- A. Composition and Qualifications

The Committee shall be comprised of three or more members of the Board of Directors.

- B. Appointment and Removal

The members of the Committee shall be appointed by the Board of Directors and shall serve until such member’s successor is duly elected and qualified or until such member’s earlier resignation or removal. The members of the Committee may be removed, with or without cause, by a majority vote of the Board of Directors.

- C. Chair

The Board of Directors shall appoint the Chair of the Committee. The Chair shall be entitled to cast a vote to resolve any ties. The Chair will chair all regular sessions of the Committee and set the agendas for Committee meetings.

III. MEETINGS

The Committee shall meet at least four (4) times annually, or more frequently as circumstances dictate. The Chair of the Board or any member of the Committee may call meetings of the Committee. All meetings of the Committee may be held telephonically or by similar communications equipment.

All non-management directors that are not members of the Committee may attend meetings of the Committee but may not vote. Additionally, the Committee may invite to its meetings any director

or manager of the corporation and such other persons as it deems appropriate in order to carry out its responsibilities. The Committee may also exclude from its meetings any persons it deems appropriate in order to carry out its responsibilities.

IV. RESPONSIBILITIES AND DUTIES

The following functions shall be the common recurring activities of the Committee in carrying out its responsibilities outlined in Section I of this Charter. These functions should serve as a guide with the understanding that the Committee may carry out additional functions and adopt additional policies and procedures as may be appropriate in light of changing business, legislative, regulatory, legal or other conditions. The Committee shall operate in a manner that reflects and reinforces the Company's Ways of Working, consistent with the Committee's fiduciary duties and obligations under applicable laws, regulations, or listing standards. The Committee shall also carry out any other responsibilities and duties delegated to it by the Board of Directors from time to time related to the purposes of the Committee outlined in Section I of this Charter.

The Committee, in discharging its oversight role, is empowered to study or investigate any matter of interest or concern that the Committee deems appropriate.

A. Nuclear Operations

1. Review and oversee the following aspects of the Company's nuclear generation operations (not listed in order of priority):
 - (a) Nuclear safety and risk;
 - (b) Physical and cyber security;
 - (c) Human performance, radiological and industrial safety;
 - (d) Public policy;
 - (e) Risks associated with owning and operating a nuclear power plant (e.g., regulatory, environmental, reputation, etc.);
 - (f) Waste and environmental policy;
 - (g) Industry events and developments;
 - (h) Compliance with governmental actions and requirements as specified by the Nuclear Regulatory Commission (NRC) or otherwise;
 - (i) Conformance with management practices, policies and performance;
 - (j) Compliance with self-improvement guidance from the Institute of Nuclear Power Operations (INPO);
 - (k) Operational performance, including INPO, NRC and Cook Nuclear Plant performance indicators; and
 - (l) Financial and commercial performance.
2. Charter and oversee a Nuclear Safety Review Board (NSRB) to evaluate the performance of the Cook Nuclear Plant.
3. Meet from time to time with corporate officers, the manager of Nuclear Oversight, and the NSRB to obtain direct perspective on nuclear operations.

B. Nuclear Development Program

1. Review and oversee the following aspects of the Company's nuclear development strategy and related implementation activities (not listed in order of priority):
 - (a) The evaluation, development, and potential deployment and operation of advanced nuclear generation technologies;
 - (b) Significant investments, projects, and partnerships undertaken in support of the nuclear development strategy; and
 - (c) Risks associated with the Company's nuclear development program and arising from the lifecycle of new nuclear generation projects, together with management's risk management approach.
2. Receive reports from members of management, including the President of Nuclear Development, as and when appropriate, on the nuclear development strategy and implementation activities.

V. ANNUAL PERFORMANCE EVALUATION

The Committee shall perform a review and evaluation, at least annually, of the performance of the Committee, including a review of the compliance of the Committee with this Charter. In addition, the Committee shall review and reassess, at least annually, the adequacy of this Charter and recommend to the Board of Directors any improvements to this Charter that the Committee considers necessary or valuable. The Committee shall conduct such evaluations and reviews in such manner as it deems appropriate.