

1 State of Arkansas  
2 94th General Assembly  
3 Regular Session, 2023

# A Bill

SENATE BILL 433

4  
5 By: Senator Irvin

## For An Act To Be Entitled

8 AN ACT TO ABOLISH THE ARKANSAS GEOLOGICAL SURVEY; TO  
9 CREATE THE OFFICE OF THE STATE GEOLOGIST; TO TRANSFER  
10 THE AUTHORITY AND DUTIES OF THE ARKANSAS GEOLOGICAL  
11 SURVEY TO THE OFFICE OF THE STATE GEOLOGIST; TO  
12 DECLARE AN EMERGENCY; AND FOR OTHER PURPOSES.

## Subtitle

13  
14  
15 TO ABOLISH THE ARKANSAS GEOLOGICAL  
16 SURVEY; TO CREATE THE OFFICE OF THE STATE  
17 GEOLOGIST AND TRANSFER THE AUTHORITY AND  
18 DUTIES OF THE ARKANSAS GEOLOGICAL SURVEY  
19 TO THE OFFICE; AND TO DECLARE AN  
20 EMERGENCY.  
21

22  
23  
24 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF ARKANSAS:

25  
26 SECTION 1. DO NOT CODIFY. Abolition of the Arkansas Geological Survey  
27 - Transfer to the Office of the State Geologist.

28 (a) The Arkansas Geological Survey is abolished, and its authority,  
29 duties, functions, records, contracts, personnel, property, and unexpended  
30 balances of appropriations, allocations, and other funds, including the  
31 functions of budgeting or purchasing of the Arkansas Geological Survey, are  
32 transferred to the Office of the State Geologist within the Oil and Gas  
33 Commission.

34 (b) The Arkansas Geological Survey's statutory powers, duties, and  
35 functions, including the functions of budgeting or purchasing, records,  
36 contracts, personnel, property, and unexpended balances of appropriations,



1 allocations, and other funds are transferred to the Office of the State  
2 Geologist within the Oil and Gas Commission.

3 (c)(1) The abolishment of the Arkansas Geological Survey does not  
4 affect the orders, rules, directives, registration, licensing, or standards  
5 made or promulgated by the Arkansas Geological Survey before the effective  
6 date of this act.

7 (2) The orders, rules, directives, registration, licensing, or  
8 standards of the Arkansas Geological Survey shall continue to be in effect  
9 until they are amended or repealed under authority given by this law.

10  
11 SECTION 2. Arkansas Code § 8-4-104(b)(2)(G), concerning membership of  
12 the Arkansas Pollution Control and Ecology Commission, is amended to read as  
13 follows:

14 (G) The State Geologist, or his or her designee, on behalf  
15 of the ~~Arkansas Geological Survey~~ Office of the State Geologist.

16  
17 SECTION 3. Arkansas Code § 14-229-101(b)(11), concerning membership of  
18 the Individual Sewage Disposal Systems Advisory Committee, is amended to read  
19 as follows:

20 (11) The State Geologist with the ~~Arkansas Geological Survey~~  
21 Office of the State Geologist or a designee.

22  
23 SECTION 4. Arkansas Code § 15-10-304(b)(7), concerning ongoing studies  
24 and recommendations related to the presence of special nuclear material and  
25 by-product material and from the operation of production facilities or  
26 utilization facilities related to natural resources of the state, is amended  
27 to read as follows:

28 (7) The ~~Arkansas Geological Survey~~ Office of the State  
29 Geologist, particularly as to the hazards, if any, to the natural resources  
30 of the state, including wildlife, and as to the protection, if necessary, of  
31 rivers, streams, and airspace from pollution; and

32  
33 SECTION 5. Arkansas Code § 15-21-602(b)(6), concerning duties of the  
34 Arkansas Seismological Observatory, is amended to read as follows:

35 (6) Provide real-time, immediate data regarding seismic activity  
36 to government agencies such as the ~~Arkansas Department~~ Division of Emergency

1 Management, the ~~Arkansas Geological Survey~~ Office of the State Geologist, and  
2 critical facilities that operate in the region such as Arkansas Nuclear One,  
3 the National Center for Toxicological Research, and the Army Nerve Gas  
4 Facility; and

5  
6 SECTION 6. Arkansas Code Title 15, Chapter 55, Subchapter 2 is amended  
7 to read as follows:

8 Subchapter 2 – ~~Arkansas Geological Survey~~ Office of the State Geologist

9  
10 15-55-201. Office of the State Geologist – Creation.

11 There is created and established at the seat of government of this  
12 state within the Oil and Gas Commission the “~~Arkansas Geological Survey~~  
13 Office of the State Geologist”.

14  
15 15-55-202. ~~Members~~ Office – Staff.

16 (a) The ~~Arkansas Geological Survey~~ Office of the State Geologist shall  
17 consist of ~~seven (7) members, residents and electors of this state, to be~~  
18 ~~appointed by the Governor, by and with the advice and consent of the Senate~~  
19 the State Geologist and his or her staff.

20 (b) ~~Each congressional district shall be represented by membership on~~  
21 ~~the survey.~~

22 (c) ~~Terms of office shall commence on January 15 following the~~  
23 ~~expiration date of the prior term and shall end on January 14 of the seventh~~  
24 ~~year following the year in which the term commenced.~~

25 (d) ~~Any vacancies arising in the membership of the survey for any~~  
26 ~~reason other than expiration of the regular terms for which the members were~~  
27 ~~appointed shall be filled by appointment by the Governor, to be thereafter~~  
28 ~~effective until the expiration of the regular terms, subject, however, to the~~  
29 ~~confirmation of the Senate when it is next in session.~~

30 (e) ~~Before entering upon his or her duties, each member of the survey~~  
31 ~~shall take and subscribe, and file in the office of the Secretary of State,~~  
32 ~~an oath to support the Constitution of the United States and the Constitution~~  
33 ~~of the State of Arkansas, and to faithfully perform the duties of the office~~  
34 ~~upon which he or she is about to enter.~~

35 (f) ~~Members of the survey shall receive no pay for their services but~~  
36 ~~may receive expense reimbursement and stipends in accordance with § 25-16-901~~

1 ~~et seq~~ The office shall be under the direct control and supervision of the  
2 Director of Production and Conservation.

3  
4 ~~15-55-203. Organization Meetings.~~

5 ~~(a) The Arkansas Geological Survey shall from time to time select from~~  
6 ~~its membership a chair and a vice chair.~~

7 ~~(b) The State Geologist, provided for in § 15-55-204, shall be ex~~  
8 ~~officio secretary of the commission, but shall have no vote on matters coming~~  
9 ~~before it.~~

10 ~~(c)(1) The survey shall adopt, and may modify, rules for the conduct~~  
11 ~~of its business and shall keep a record of its transactions, findings, and~~  
12 ~~determinations, which record shall be public.~~

13 ~~(2) The rules shall provide for regular meetings and for special~~  
14 ~~meetings at the call of the chair, or the vice chair if he or she is, for any~~  
15 ~~reason, the acting chair, either at his or her own instance or upon the~~  
16 ~~written request of at least four (4) members.~~

17 ~~(d) A quorum shall consist of not less than four (4) members present~~  
18 ~~at any regular or special meeting, and the affirmative vote of such number~~  
19 ~~shall be necessary for the disposition of any business.~~

20 ~~(e) The commission shall meet at such times and places as in each~~  
21 ~~instance may suit the survey's convenience, and all such meetings shall be~~  
22 ~~open to the public.~~

23  
24 15-55-204. State Geologist.

25 (a)(1) The State Geologist shall be appointed by and serve at the  
26 pleasure of the Governor.

27 (2) The State Geologist shall report to the Director of  
28 Production and Conservation and the Secretary of the Department of Energy and  
29 Environment.

30 (b) ~~He or she~~ The State Geologist shall:

31 (1) Be charged with the duty of administering the provisions of  
32 this subchapter ~~and~~, the rules and orders established ~~thereunder~~ under this  
33 subchapter, performing services requested by the director, and administering  
34 specified provisions of Title 15, Chapter 71, and rules and orders  
35 established under Title 15, Chapter 71; and

36 (2) Be custodian of all property held in the name of the

1 ~~Arkansas Geological Survey~~ Office of the State Geologist, and shall be, ex  
2 officio, in consultation with the director and the Secretary of the  
3 ~~Department of Energy and Environment~~ secretary, the disbursing agent of all  
4 funds available for its use; ~~and.~~

5 ~~(3) Furnish bond to the state, with corporate surety thereon, in~~  
6 ~~the penal sum of ten thousand dollars (\$10,000), conditioned that he or she~~  
7 ~~will faithfully perform his or her duties of employment and properly account~~  
8 ~~for all funds received and disbursed by him or her. An additional disbursing~~  
9 ~~agent's bond shall not be required of the State Geologist. The bond so~~  
10 ~~furnished shall be filed with the Secretary of State, and an executed~~  
11 ~~counterpart thereof shall be filed with the Auditor of State.~~

12 (c) ~~The Arkansas Geological Survey, by resolution duly adopted, may~~  
13 ~~delegate to the State Geologist any of the powers or duties vested in or~~  
14 ~~imposed upon it by this subchapter, and the delegated powers and duties may~~  
15 ~~be exercised by the State Geologist in the name of the Arkansas Geological~~  
16 ~~Survey~~ The State Geologist may delegate his or her functions, powers, and  
17 duties as he or she may deem desirable and necessary for the effective and  
18 efficient operation of the office.

19 (d) In addition to other duties and functions prescribed for the State  
20 Geologist, he or she shall advise the director, the secretary, the Governor,  
21 and the General Assembly, on all geological matters concerning the state.

22  
23 15-55-205. Geological assistants and engineers.

24 (a) It shall be the duty of the State Geologist, by and with the  
25 approval of the ~~Arkansas Geological Survey~~ Director of Production and  
26 Conservation and the Secretary of the Department of Energy and Environment,  
27 to appoint trained geological assistants, engineers, and others efficient in  
28 the arts and sciences as may be necessary to completely carry on the  
29 investigations undertaken.

30 (b) The State Geologist, assistants, and engineers, are directed to go  
31 into any mine or other place, where it is thought necessary by the State  
32 Geologist to go, in executing the directions of the ~~Arkansas Geological~~  
33 ~~Survey~~ director or the Department of Energy and Environment.

34  
35 ~~15-55-206. Office Seal.~~

36 (a) ~~The officer or commission having custody of the public buildings~~

1 shall assign to the Arkansas Geological Survey suitable office space in the  
2 State Capitol Building, or other office building located on the State Capitol  
3 grounds, with the necessary conveniences for the transaction of its business  
4 and the safekeeping of its records.

5 (b) The Governor shall procure an official seal for the use of the  
6 ~~commission.~~

7  
8 15-55-207. Powers.

9 The ~~Arkansas Geological Survey~~ Office of the State Geologist shall also  
10 have the authority to:

11 (1)(A) Enter into cooperative agreements with the United States  
12 Geological Survey ~~of the Department of the Interior~~ in relation to programs  
13 concerning quality of water, occurrence of ground water, stream gauging,  
14 mineral investigations, topographic mapping, and other federal programs  
15 relating to the functions performable by the ~~commission~~ office;

16 (B) Make copies of the reports prepared under those  
17 programs available to other state agencies, including, but not limited to,  
18 those agencies whose principal functions relate to industrial development and  
19 water and soil conservation;

20 (2)(A) Receive and expend any moneys arising from federal means,  
21 grants, contributions, gratuities reimbursements, or loans payable or  
22 distributable to the State of Arkansas by the United States, or by any of its  
23 agencies or instrumentalities, pursuant to any congressional act or rule or  
24 regulation of the agency or instrumentality enacted or promulgated for or on  
25 account of any functions performable by the ~~commission~~ office.

26 (B) ~~It~~ The office shall likewise receive any  
27 contributions, grants, or gratuities donated by private persons,  
28 associations, or corporations, for or on account of any of the functions  
29 aforesaid.

30 (C) The Chief Fiscal Officer of the State shall prescribe  
31 rules for handling the moneys;

32 (3) Contract and be contracted with; and

33 (4) Take other action, not inconsistent with law, as ~~it~~ the  
34 office deems necessary or desirable to carry out the purposes and intent of  
35 this subchapter.

36

1 15-55-208. Duties.

2 (a) It shall be the duty of the ~~commission to direct the~~ Office of the  
3 State Geologist, in cooperation with the United States Geological Survey, to:

4 (1) Investigate, or to have investigated, such of the natural  
5 resources of the state, consisting of the available waterpower of the  
6 streams, the clays of the state as related to their adaptability to the  
7 various purposes for which clays are utilized, the cement materials of the  
8 state, the road materials of the state, and such other minerals and economic  
9 geologic products, as it may be deemed practicable and advisable by the  
10 ~~commission~~ office to have investigated; and

11 (2) Prepare or have prepared topographic maps deemed advisable.

12 (b) The ~~Arkansas Geological Survey~~ office may ~~direct the State~~  
13 ~~Geologist to:~~

14 (1) Make or have made investigations deemed advisable relating  
15 to the conservation of exhaustible natural resources;

16 (2) In cooperation with the United States Geological Survey,  
17 make investigations deemed advisable relating to the safety of miners and  
18 mine operations; and

19 (3) Adopt measures deemed practicable to assist mine operators  
20 in preventing explosions and give relief in case explosions occur.

21  
22 15-55-209. Notice to agencies of location and extent of state  
23 minerals.

24 From time to time, the ~~Arkansas Geological Survey~~ Office of the State  
25 Geologist shall bring to the attention of the appropriate federal agencies,  
26 state and local industrial development agencies, and industrial interests the  
27 location and extent of minerals in the state which may be of value to, and  
28 beneficial in, any programs of national defense or the development of  
29 industry.

30  
31 15-55-210. Reports of investigations.

32 (a) It shall be the duty of the Office of the State Geologist to make  
33 reports ~~to the Arkansas Geological Survey~~ as necessary to a complete an  
34 understanding of the results obtained from investigations undertaken ~~and to~~  
35 ~~perform other duties as usually belong to the Office of State Geologist.~~

36 (b) The reports shall be accompanied by maps, sections, and other

1 illustrations as necessary to a complete understanding.

2 ~~(e) The cost of publishing the reports shall be paid out of money~~  
3 ~~appropriated for public printing.~~

4 ~~(d) The number of copies of each report shall be four thousand~~  
5 ~~(4,000). The members of the General Assembly, the survey, and the State~~  
6 ~~Geologist shall each have twenty (20) copies. One (1) copy shall be sent to~~  
7 ~~each of the state universities of the country. One hundred (100) copies shall~~  
8 ~~be sent to the Department of Geology, University of Arkansas at Fayetteville,~~  
9 ~~for exchange with other state geological surveys. The remainder shall be~~  
10 ~~distributed by the State Geologist, without charge, upon application and the~~  
11 ~~receipt of the necessary postage or expressage.~~

12  
13 15-55-211. State and federal expense sharing.

14 (a) The State of Arkansas shall pay the portion of the field and  
15 traveling expenses, including salaries, as agreed upon between the ~~Arkansas~~  
16 ~~Geological Survey Office of the State Geologist, with approval of the~~  
17 ~~Director of Production and Conservation,~~ and the United States Geological  
18 Survey.

19 (b) The full and complete results of the surveys shall be available  
20 for publication in the state reports.

21 (c) The expense of the office work for the state reports shall be  
22 borne by the state.

23  
24 15-55-212. Deposit of moneys into State Treasury.

25 ~~The Arkansas Geological Survey Office of the State Geologist~~ shall  
26 deposit all moneys received from the sale of its publications and from other  
27 sources ~~in~~ into the State Treasury to the credit of the fund from which the  
28 commission is operated, unless provisions shall have otherwise been made by  
29 law.

30  
31 15-55-213. Access to information.

32 ~~The Arkansas Geological Survey Office of the State Geologist~~ and the  
33 Division of Information Systems shall grant access to and provide information  
34 determined by the Commissioner of State Lands to be necessary to successfully  
35 accomplish ~~its~~ the Commissioner of State Lands' mission.



1 SECTION 7. Arkansas Code § 15-55-302(b), concerning the free access to  
2 public records by the geological corp, is amended to read as follows:

3 (b) The ~~geological corps~~ Office of the State Geologist shall have  
4 access at all times to the field notes and maps of the ~~Office of Commissioner~~  
5 ~~of State Lands~~ Commissioner of State Lands' office, and to the records and  
6 reports of the State Mine Inspector, the Oil and Gas Commission, the county  
7 clerk of any county, or to the public record of any state department or  
8 county official without the payment of any fee.

9  
10 SECTION 8. Arkansas Code § 15-55-402(3), concerning research  
11 agreements between academic institutions of higher education or industry  
12 partners, or both, and the Arkansas Geological Survey, is amended to read as  
13 follows:

14 (3) The ~~Arkansas Geological Survey, formerly known as the~~  
15 ~~Arkansas Geological Commission,~~ Office of the State Geologist is interested  
16 in developing a research agreement with academic institutions of higher  
17 education or industry partners, or both, for purposes of pursuing a research  
18 program on Arkansas lignite and lignite's commercial and economic  
19 contributions to the state;

20  
21 SECTION 9. Arkansas Code § 15-55-403(b), concerning the development  
22 and administration of the Arkansas Lignite Resources Pilot Program, is  
23 amended to read as follows:

24 (b) The program shall be developed and administered by Southern  
25 Arkansas University, the ~~Arkansas Geological Survey~~ Office of the State  
26 Geologist, and the Arkansas Economic Development Commission.

27  
28 SECTION 10. Arkansas Code § 15-55-405 is amended to read as follows:  
29 15-55-405. Reporting.

30 Representatives from Southern Arkansas University, the ~~Arkansas~~  
31 ~~Geological Survey~~ Office of the State Geologist, and the Arkansas Economic  
32 Development Commission shall report the status of the Arkansas Lignite  
33 Resources Pilot Program periodically to the Legislative Council and the Joint  
34 Committee on Energy.

35  
36 SECTION 11. Arkansas Code § 15-57-315(8)(A), concerning the duties of

1 an operator of an open-cut mine, is amended to read as follows:

2 (8)(A) The division’s approval of the operator’s reclamation  
3 plan may be based upon the advice and technical assistance of the Arkansas  
4 Natural Resources Commission, the Arkansas State Game and Fish Commission,  
5 the State Forester, the ~~Arkansas Geological Survey~~ Office of the State  
6 Geologist, and other agencies or persons having experience in foresting and  
7 reclaiming open-cut mined lands with forest or agronomic or horticultural  
8 species, based upon scientific knowledge from research into reclaiming and  
9 utilizing forest and agronomic species on open-cut mined lands.

10  
11 SECTION 12. Arkansas Code § 17-32-201(a)(3), concerning membership of  
12 the State Board of Registration for Professional Geologists, is amended to  
13 read as follows:

14 (3) The board shall comprise:

15 (A) Five (5) members who shall be registered geologists,  
16 one (1) of whom shall be an academic geologist, one (1) a governmental  
17 geologist, one (1) a salaried company geologist, one (1) an independent or  
18 consultant geologist, and one (1) a geologist-at-large;

19 (B) One (1) additional member who shall be appointed from  
20 the public at large and who shall have no connection whatsoever with the  
21 practice of geology; and

22 (C) The ~~Director of the Arkansas Geological Survey~~ State  
23 Geologist, or his or her designated agent, as a permanent ex officio member.

24  
25 SECTION 13. Arkansas Code § 17-32-203(b), concerning temporary  
26 assistance to the State Board of Registration for Professional Geologists, is  
27 amended to read as follows:

28 (b) Administrative assistance, clerical work, and supplies will be  
29 provided by the ~~Arkansas Geological Survey~~ Office of the State Geologist  
30 until such time as the board may assume those responsibilities.

31  
32 SECTION 14. Arkansas Code § 19-4-906(a)(3)(020), concerning  
33 authorizations and restrictions related to passenger motor vehicle limits of  
34 certain state entities, is amended to read as follows:

35 (020) ~~Arkansas Geological Survey~~ Office of the State Geologist 18

36

1 SECTION 15. Arkansas Code § 19-4-1804 is amended to read as follows:  
 2 19-4-1804. Geological publications income.

3 Charges, income, receipts, or revenue derived from the sale of  
 4 publications by the ~~Arkansas Geological Survey~~ Office of the State Geologist  
 5 shall be deposited into the State Treasury as a refund to expenditures.

6  
 7 SECTION 16. Arkansas Code § 19-5-1067(b), concerning moneys within the  
 8 Geology Map Resale Revolving Fund Account, is amended to read as follows:

9 (b) The fund shall consist of moneys received from the resale of  
 10 publications of maps by the ~~Arkansas Geological Survey~~ Office of the State  
 11 Geologist, there to be used for personal services and operating expenses  
 12 relating to the purchase of publications of maps for resale by the ~~Arkansas~~  
 13 ~~Geological Survey~~ Office of the State Geologist, as authorized in Acts 1975,  
 14 No. 80, § 6.

15  
 16 SECTION 17. Arkansas Code § 19-6-410 is amended to read as follows:  
 17 19-6-410. Oil and Gas Commission Fund.

18 The Oil and Gas Commission Fund shall consist of those special revenues  
 19 as specified in § 19-6-301(62) and (111), there to be used for:

20 (1) ~~the~~ The maintenance, operation, and improvement required by  
 21 the Oil and Gas Commission in carrying out the functions, powers, and duties  
 22 as set out in § 15-72-101 et seq.;

23 (2) Payment of expenses of the Office of the State Geologist  
 24 under § 15-71-107(b)(2)(B); or

25 (3) ~~other~~ Other duties imposed by law upon the commission.

26  
 27 SECTION 18. Arkansas Code § 19-7-405 is amended to read as follows:  
 28 19-7-405. Geological and Conservation Federal Fund.

29 (a) There is created and established in the Treasurer of State's  
 30 office a fund to be known as the "Geological and Conservation Federal Fund".

31 (b) Federal funds as may be allotted to the ~~Planning Division of the~~  
 32 ~~Arkansas Geological Survey~~ Office of the State Geologist are to be deposited  
 33 into the fund.

34  
 35 SECTION 19. Arkansas Code § 22-5-807(a), concerning an application for  
 36 a lease or permit filed with the Commissioner of State Lands, is amended to

1 read as follows:

2 (a) When an application for a lease or permit is filed with the  
 3 Commissioner of State Lands for the taking or production of any sand, gravel,  
 4 oil, natural gas, casinghead gas, coal, or other minerals or the severance of  
 5 any timber or logs from state-owned lands, the Commissioner of State Lands  
 6 shall so notify the ~~Arkansas Geological Survey~~ Office of the State Geologist,  
 7 the Arkansas Natural Resources Commission, the Oil and Gas Commission, the  
 8 Arkansas State Game and Fish Commission, the Department of Parks, Heritage,  
 9 and Tourism, the Division of Environmental Quality, the Arkansas Forestry  
 10 Commission, and any other appropriate state agency that has or may have a  
 11 particular interest in the area proposed to be covered by the lease or  
 12 permit.

13  
 14 SECTION 20. Arkansas Code § 25-16-903(46), concerning the  
 15 authorization for a stipend for the Arkansas Geological Survey, is repealed.  
 16 ~~(46) Arkansas Geological Survey;~~

17  
 18 SECTION 21. Arkansas Code § 25-43-602(a)(3), concerning the  
 19 administrative functions of certain state entities transferred to the  
 20 Department of Energy and Environment, is amended to read as follows:

21 (3) The ~~Arkansas Geological Survey~~ Office of the State  
 22 Geologist, created under § 15-55-201;

23  
 24 SECTION 22. Arkansas Code § 26-58-101(5)(A), concerning the definition  
 25 of "high-cost gas" related to severance taxes, is amended to read as follows:

26 (5) "High-cost gas" means natural gas that is:  
 27 (A) Produced from any gas well completed within a shale  
 28 formation, including, but not limited to, the Fayetteville Shale, the  
 29 Woodford Shale, the Moorefield Shale, and the Chattanooga Shale formations,  
 30 or their stratigraphic equivalents, as described in published stratigraphic  
 31 nomenclature recognized by the ~~Arkansas Geological Survey~~ Office of the State  
 32 Geologist;

33  
 34 SECTION 23. EMERGENCY CLAUSE. It is found and determined by the  
 35 General Assembly of the State of Arkansas that the state has a critical  
 36 interest in ensuring the efficient provision of services by state agencies;

1 that state agencies operate on a fiscal year calendar; and that the  
2 effectiveness of this act on July 1, 2023, is essential to the efficient  
3 operation of the state agencies subject to this act; and that, in the event  
4 of an extension of the legislative session, the delay in effective date of  
5 this act beyond July 1, 2023, could cause irreparable harm upon the proper  
6 administration and provision of essential governmental programs. Therefore,  
7 an emergency is declared to exist, and this act being necessary for the  
8 preservation of the public peace, health, and safety shall become effective  
9 on July 1, 2023.

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12 **APPROVED: 4/11/23**  
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