

MINUTES OF
ARKANSAS RIVER CO. PACT ADMINISTRATION
REGULAR MEETING

July 27, 1954

LAMAR, COLORADO

Attendance -

For Colorado:

Ivan C. Crawford, Denver; Director Colorado Water
Conservation Board
Harry B. Mendenhall, Rocky Ford; Chairman of Colorado
Representatives
Harry C. Nevius, Lamar; Administration Secretary and
Treasurer

For Kansas:

Wm. E. Leavitt, Garden City.
R. V. Smrha, Topeka; Acting Chairman of Kansas
Representatives

For the United States:

Brig. Gen. Hans Kramer, San Francisco, Calif.; Chairman
of the Administration

Absent:

Roland H. Tate, Garden City, Kansas; Administration
Vice-Chairman

Others Attending:

Col. Lynn C. Barnes, District Engineer, Corps of Engineers,
Albuquerque, N. M.
J. L. Redmond, Corps of Engineers, Albuquerque, N. M.
L. E. Des Rosiers, Caddoa, Colorado
H. H. Christy, C. F. & I., Pueblo, Colorado
James E. Bone, Resident Engineer, John Martin Dam. Caddoa, Colo.
A. N. Dallimore, Bessemer Irrigation Dist., Pueblo, Colo.
Charles E. Keliher, U. S. G. S., Lamar, Colorado
Guy M. Vincent, Kansas Water Resources, Garden City, Kansas
W. E. Steps, Kansas Water Resources, Topeka, Kansas
R. M. Gildersleeve, Chief Engineer, C. W. C. B., Denver, Colo.
Francis M. Bell, U. S. G. S., Denver, Colorado
R. W. Adkins, C. F. & I., Pueblo, Colorado
R. J. McGrath, State Water Comm. #67, Lamar, Colorado
George W. Colburn, C. W. C. B., Denver, Colorado

The regular July meeting of the Arkansas River Compact Administration was called to order at 9:45 A. M., July 27, 1954, at the Court House, Lamar, Colorado, by Chairman Hans Kramer.

General Kramer commented that this meeting marked the completion of five years of operation for the Administration.

The Chairman noted the absence of Judge Tate, Administration Vice-Chairman, due to illness.

There being two members of the Kansas delegation present, the Colorado delegation being present, a quorum was declared for the transaction of business.

The minutes of the regular meeting of March 23, 1954, were approved with corrections.

Minutes of the telephonic meeting of April 10, 1954, were approved on vote after a motion made by Mr. Nevius, seconded by Mr. Crawford.

The minutes follow:

ARKANSAS RIVER COMPACT ADMINISTRATION

Minutes of Telephone Meeting of the Arkansas River Compact Administration April 10, 1954

Inasmuch as releases from Caddoa are being increased at 12 o'clock noon today from 800 c.f.s. to 1000 c.f.s. and the storage in John Martin Reservoir at midnight April 9 was 12064 a.f., it appears that the water in the reservoir will be exhausted by Friday, April 16. Since the Arkansas River Compact Administration is required to make Findings and give notice to the State Engineer under Article V. F. of the Compact and in accordance with Article IV, Section 3 (b) of the By-laws, members of the Compact Administration were contacted this date on the question of finding the reservoir empty April 16 and giving notice to the State Engineer of Colorado that priority administration would commence on April 13, 1954, as follows:

Colorado	- Mr. Crawford	- -	Not available at office 4-10.
	Mr. Mendenhall	-	Yes
	Mr. Nevius	- - -	Yes
Kansas	- Mr. Leavitt	- -	Yes
	Mr. Tate	- - -	Yes
	Mr. Smrha	- - -	Not contacted

There being a majority of Representatives from each state voting for, the vote thereon was recorded as being in favor. Proper notification was signed by the Secretary and Vice-Chairman and forwarded to the State Engineer in the following form:

/s/ Harry C. Nevius
Secretary

/s/ Roland H. Tate
Vice-Chairman

FINDINGS AND NOTIFICATION

by

ARKANSAS RIVER COMPACT ADMINISTRATION

April 10, 1954

WHEREAS, Article VF of the Arkansas River Compact which became effective on May 31, 1949, provides as follows:

"In the event the Administration finds that within a period of fourteen (14) days the water in the conservation pool will be or is liable to be exhausted, the Administration shall forthwith notify the State Engineer of Colorado, or his duly authorized representative, that commencing upon a day certain within said fourteen (14) day period, unless a change of conditions justifies cancellation or modification of such notice, Colorado shall administer the decreed rights of water users in Colorado Water District #67 as against each other and as against all rights now or hereafter decreed to water users diverting upstream from John Martin Dam on the basis of relative priorities in the same manner in which their respective priority rights were administered by Colorado before John Martin Reservoir began to operate and as though John Martin Dam had not been constructed. Such priority administration by Colorado shall be continued until the Administration finds that water is again available in the conservation pool for release as provided in this Compact, and timely notice of such finding shall be given by the Administration to the State Engineer of Colorado or his duly authorized representative. Provided, that except as controlled by the operation of the preceding provisions of this paragraph and other applicable provisions of this Compact, when there is water in the conservation pool the water users upstream from John Martin Reservoir shall not be affected by the decrees to the ditches in Colorado Water District 67. Except when administration in Colorado is on a priority basis the water diversions in Colorado Water District 67 shall be administered by Colorado in accordance with distribution agreements made from time to time between the water users in such District and filed with the Administration and with the State Engineer of Colorado or, in the absence of such agreement, upon the basis of the respective priority decrees, as against each other, in said District."

NOW, THEREFORE, acting pursuant to the above quoted provision of the Arkansas River Compact, and in the exercise of the powers set forth in Article VIII of such Compact, the Arkansas River Compact Administration finds;

That, based upon the present quantity of water stored in, and anticipated release of water from, and inflow to, the John Martin Reservoir, the conservation pool thereof, within a period of fourteen (14) days from this 10th day of April, will be, or is liable to be, exhausted.

NOTIFICATION: in further compliance with the above quoted provision of the Arkansas River Compact, the Arkansas River Compact Administration hereby notifies the State Engineer of Colorado as follows:

That, commencing on the 13th day of April, 1954, unless a change of conditions justifies cancellation or modification of this notice, he is required, under the terms of the Compact, to administer the decreed rights of the water users in Colorado in the manner and for a period of time determined in accordance with the provisions set forth in the above quoted Article VF of the Compact.

The above findings have been made, and notification thereof given, by the Arkansas River Compact Administration on this 10th day of April, 1954.

/s/ Roland H. Tate
Vice-Chairman

ATTEST:

/s/ Harry C. Nevius
Secretary

Since the time was limited, Mr. Hinderlider was notified by telephone immediately.

/s/ Harry C. Nevius
Secretary

The minutes of the telephonic meeting of July 23, 1954, were approved on vote after a motion by Mr. Crawford, seconded by Mr. Smrha. The minutes follow:

ARKANSAS RIVER COMPACT ADMINISTRATION

Telephone Meeting of the Arkansas River Compact Administration
July 23, 1954.

Members of the Compact Administration were contacted by telephone on the question of declaring storage in John Martin Reservoir, because of floods on the Purgatoire River which showed an average gauge height of 7.55 with approximate average flow of 13,000 cfs since 2:00 A. M., July 23, at the Purgatoire Compact Gauging Station, reports of more water at Highland Dam and 3,500 acre feet in the John Martin Reservoir at 7:30 P. M., July 23, 1954, with the following results:

For Colorado -	Mr. Mendenhall in Rocky Ford	yes
	Mr. Nevius in Lamar	yes
For Kansas	Mr. Leavitt in Denver	yes
	Mr. Tate in Green Mountain Falls	yes

This being considered affirmative action under Section 3 (b) of the By-laws. In accordance therewith the Acting State Engineer, Mr. Hezmalhalch, was telephoned by the Secretary, advised of the Finding and notified by mail as follows:

July 24, 1954

Mr. C. C. Hezmalhalch
State Engineer
State Capitol Building
Denver, Colorado

Dear Mr. Hezmalhalch:

This will confirm our telephone conversation July 23rd, concerning action of the Arkansas River Compact Administration and regarding water stored in John Martin Reservoir, and water in the Purgatoire River as recorded at the Purgatoire Compact Gauging Station which will be available by 8:00 A. M. July 24, 1954.

The Arkansas River Compact Administration finds this date that water is available in the Conservation Pool for release to water users in Kansas and in Colorado Water District #67 as provided in the Compact, and notice is herewith given you, the State Engineer of Colorado, under the provisions of Article VF of the Arkansas River Compact.

Respectfully submitted,

Harry C. Nevius,
Secretary

HCN:dn

cc: F. C. Snyder, Division Engineer, Pueblo, Colorado
R. J. McGrath, Water Commissioner, District #67, Lamar, Colorado
James E. Bone, Reservoir Manager, Caddoa, Colorado

/s/ Roland H. Tate
Vice-Chairman

ATTEST:

/s/ Harry C. Nevius
Secretary

Chairman Kramer gave his report as Chairman. He acknowledged receipt of the official comments of the State of Colorado concerning Review Report on Survey for Flood Control, Purgatoire (Picket Wire) River, Colorado, dated June 23, 1954. They follow:

COLORADO WATER CONSERVATION BOARD

STATE OFFICE BUILDING

DENVER, COLORADO

June 23, 1954

S. D. Sturgis, Jr., Major General
Chief of Engineers
Department of the Army
Washington, D. C.

Dear General Sturgis:

On behalf of the State of Colorado and pursuant to Section I of the Act of December 22, 1944 (58 Stat. 887) there are transmitted herewith the comments and recommendations of the State of Colorado concerning Review Report on Survey for Flood Control, Purgatoire (Picket Wire) River Colorado, dated June 30, 1953. A copy of the report of the District Engineer, Albuquerque District, together with your proposed report and the reports of the Board of Engineers for Rivers and Harbors and of the Division Engineer, Southwestern Division, were transmitted to us under date of April 23, 1954,

These comments and recommendations are submitted under the authority of Chapter 265, Session Laws of Colorado of 1938, creating the Colorado Water Conservation Board and defining its functions, and in accordance with the designation of such board by the Governor pursuant to Section I of the Act of December 22, 1944 (58 Stat. 887), as the official state agency to act in such matters.

1. A survey report on a channel improvement project on the Purgatoire River at Trinidad, Colorado, was published as House Document No. 387, 78th Congress, 2nd Session. The channel improvement project was authorized substantially in accordance with the House Document, by Public Law 534, 78th Congress, 2nd Session, approved December 22, 1944.

2. Subsequently, in March, 1945, a resolution was adopted by the Committee on Flood Control, House of Representatives, which provided that the Board of Engineers for Rivers and Harbors be requested to review the report on the Purgatoire River with a view to determining whether any modification of the recommendation contained therein should be made at this time in order to provide flood protection for Trinidad, Colorado, and at the same time make more water readily available for agricultural and industrial uses. The review report was authorized by the Chief of Engineers, who approved a review of only the upper part of the Purgatoire basin, and more particularly the vicinity of Trinidad.

3. During the course of the review, several plans were investigated. The review report states that the Trinidad Reservoir Project is the most favorable plan of improvement which would provide flood protection for Trinidad, Colorado, and at the same time provide regulation of the available water supply for more effective agricultural use, and possible future domestic and industrial uses.

4. The proposed project is a reservoir at the Trinidad dam site on the Purgatoire River about four miles upstream from the City of Trinidad. The recommended storage capacity of the reservoir is 140,700 acre-feet, allocated to purposes as follows:

Flood Control	46,700 acre-feet
Conservation	55,000 acre-feet
Sediment Accumulation	39,000 acre-feet

The total first cost of the project is estimated in the review report to be \$17,000,000 with \$8,268,000 of this amount allocated to flood control and \$8,732,000 to irrigation.

5. Water rights in the State of Colorado are acquired through appropriation and use, and are adjudicated under decrees of State Courts according to the priority system of "first in time, first in right."

6. The Purgatoire River is a tributary of the Arkansas River. The Corps of Engineers constructed and now operates John Martin Dam and Reservoir on the Arkansas River below the mouth of the Purgatoire. The Arkansas River Compact has been negotiated between the States of Colorado and Kansas, dividing and apportioning the waters of the Arkansas River as well as the benefits arising from John Martin Reservoir. This Compact became effective on May 31, 1949. With respect to development subsequent to that date, Article IV-D of the Compact states:

"This Compact is not intended to impede or prevent future beneficial development of the Arkansas River basin in Colorado and Kansas by Federal or State agencies, by private enterprise, or by combinations thereof, which may involve construction of dams, reservoirs and other works for the purposes of water utilization and control, as well as the improved or prolonged functioning of existing works: Provided, that the waters of the Arkansas River, as defined in Article III, shall not be materially depleted in usable quantity or availability for use to the water users in Colorado and Kansas under this compact by such future development or construction."

7. The United States Bureau of Reclamation has made studies relative to the use of the 55,000 acre-feet of irrigation storage and suggests five operating conditions as follows:

a. Transfer of the storage decree of the Model Land and Irrigation Company, for 20,000 acre-feet annually, from the present site to the proposed Trinidad Reservoir.

b. Storage in Trinidad Reservoir of flood flows originating on Purgatoire River above the dam site which would otherwise spill from John Martin Reservoir.

c. Storage in Trinidad Reservoir of the winter flows of Purgatoire River historically diverted for winter irrigation of project lands.

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d. Regulation in Trinidad Reservoir of summer flows historically diverted to project lands provided that future stream flow records disclose such further regulation would not result in material depletion of the flow now available to John Martin Reservoir; or that any material increase in depletion be compensated by suitable replacement to lands served by John Martin Reservoir.

e. Storage in Trinidad Reservoir of all flood flows originating on Purgatoire River above the reservoir other than those specified in condition b, provided that suitable replacement is made to John Martin Reservoir to the extent that such storage in Trinidad Reservoir would result in material depletion of the inflow from Purgatoire River and interfere with its operation as established by the Arkansas River Compact.

8. The Model Land and Irrigation Company has a storage decree for 20,000 acre-feet, which was the original capacity of the Model Reservoir. Diversions to the reservoir from the Purgatoire River are made under decreed rights of feeder canals. The active capacity of the reservoir has been progressively reduced to about 6,000 acre-feet, primarily through sediment deposition. The transfer of this storage right to the Trinidad Reservoir site, and storage of water under that right for use on project lands is one of the basic assumptions of the proposed plan for improvement of the presently erratic water supply of lands in the project area. Such a change in point of diversion can be accomplished under Colorado law, with the consent of water users who might be affected by the transfer.

9. Another basic assumption with respect to the proposed plan is that in addition to the consent required for the transfer of the storage right, it is essential that the irrigators under the project mutually agree to the division of water stored in the project reservoir on the basis of crop requirements for the acreage served rather than under priority rights of ditches presently serving their lands. Administration of water rights according to such mutual agreements is also possible under State law.

10. A third basic assumption of the plan is that the amount of land to be served in the project area will be stabilized at about 19,500 acres.

11. The review report states that under the three basic assumptions and in accordance with operating conditions a, b and c, as set out in Paragraph 7 above, the present effective average water supply of lands in the project area would be increased from 63 percent to 84 percent. It also states that operation under conditions a, b and c would not materially deplete the usable water supply available to John Martin Reservoir.

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12. Subject to the following conditions the State of Colorado approves the proposed Trinidad Project as described in the review report:

- A. The project shall at all times be operated in accordance with the water laws of the state;
- B. The project shall be operated under conditions a, b and c of Paragraph 7 above until such time as operation under other conditions might be found feasible under state law and the Arkansas River Compact;
- C. In order to minimize the effects of the project on water users below the project area with priority rights junior to those of the project ditches, and to assure minimum depletion by the project of the water supply available to John Martin Reservoir, the following principles of operation of the Trinidad Reservoir will be observed.
 - a. Storage in the reservoir under the transferred and rehabilitated Model right of only such water as would accrue to that right under the present storage decrees of inlet canals to the Model Reservoir.
 - b. Storage of winter flows in lieu of diversions for winter irrigation.
 - c. Storage of flood flows originating on Purgatoire River above the Trinidad dam site at only such times as it may be definitely determined that such flows would otherwise spill from John Martin Reservoir.
 - d. The passing of all other flows through the reservoir at the maximum possible rates compatible with prevention of bank caving in the river channel below the reservoir.

13. The report states that the Trinidad Reservoir would overlies some coal deposits and might prevent feasible access to other adjacent deposits, and that an item has been included in the estimate of project costs sufficient to compensate the owners of the deposits for the profits which conceivably might be lost. In making these comments and recommendations, the State of Colorado assumes that equitable adjustments will be made with the owners of such coal deposits.

14. Colorado concurs in the recommendation that action to rescind the existing authorization of the channel improvement project not be taken prior to initiation of construction of the reservoir project.

Respectfully submitted,

Dan Thornton
Governor and Chairman of the Board

Hatfield Chilson
Attorney

Ivan C. Crawford
Director of the Board

Chairman Kramer stated that the official comments by Kansas had not been received.

Mr. Nevius made the report as Secretary stating that there had been further distribution of the Annual Report; that all other matters had been routine in nature.

The report of the Treasurer was made by Mr. Nevius as follows:

ARKANSAS RIVER COMPACT ADMINISTRATION
Report of the Treasurer, July 27, 1954

Balance on hand October 31, 1953, Auditor's Report			\$3,600.07
Disbursements			
Reported March 23, 1954, Vouchers 114 - 120 Incl.		\$536.85	
Voucher Date			
121	4-10-54	Peerless Printing Co. Annual Report	476.00
122		Mt. States T. & T. Co. March Service & Tolls	9.40
123		Secretary's Salary March (less \$2.00 F.I.C.A.)	98.00
124		Treasurer of U. S. Deposits by States	12.00
125	6-26-54	Lamar Daily News, Supplies	7.50
126		Mt. States T. & T. Co. April & May Service & Tolls	32.60
127		Secretary's Salary April & May (less \$4.00 F.I.C.A.)	196.00
128	6-30-54	Secretary's Salary June (less #2.00 F.I.C.A.)	98.00
129		Treasurer of U. S. Deposits by States	12.00
130		Mt. States T. & T. Co. June Service & Tolls	9.90
			<u>\$1,488.25</u>
			<u>1,488.25</u>
Balance on hand July 27, 1954			\$2,111.82

Mr. Nevius stated that the present balance in the treasury was in excess of that a year ago by about \$300.00.

No report was made by the Administrative and Legal Committee. Mr. Smrha made the motion that the Treasurer be authorized to make arrangements for the annual audit, and to draw a voucher for the payment of same. Mr. Crawford seconded the motion, and on vote it was carried.

The Engineering Committee had no report. Chairman Kramer brought forward the subject of the Review Report of Survey of the Purgatoire River. On question, Mr. Smrha stated that the report had been received by Kansas, and that its comments were in preparation, but not ready for publication.

Chairman Kramer stated that the Administration was not officially in receipt of the Report because of a lack of provision for such in the law. Comments of the Administration had not been prepared. In the past the comments of the Administration had been incorporated in those of the respective states; however, in this instance, this was not possible, and must be sent in separately. He suggested that the Engineering Committee meet later to formulate comments for consideration by the Administration at its October meeting. The consensus of the meeting being favorable, Gen. Kramer said he would notify the Chief of Engineers that the Administration's comments would be forthcoming. Mr. Smrha said he would make arrangements for a meeting of the Engineering Committee, and a review of this report would be made at that time.

Mr. Mendenhall made the report of the Operations Committee. No comments were made, and the report was placed on record as follows:

On April 1st, at the beginning of the irrigation season, there was 15,917 a.f. of water impounded in John Martin Reservoir.

On April 7th, a release of 667 c.f.s. was requested, 400 feet of which was for Colorado, and 267 feet of which was for Kansas.

On April 9th, the releases were increased to 800 c.f.s. and on April 10th increased to 1000 c.f.s.

At midnight on April 15th, the Reservoir was declared empty. At that time, until the morning of July 23rd, the river flow was passed through the Reservoir and was on a priority basis.

At 12:15 on the morning of July 23rd, 13,700 c.f.s. was reported over the Highland Dam.

At 2:00 A.M., the reading was 18,700 c.f.s. and at 5:30, 14,500 c.f.s.

At 5:45 A.M., 43,000 c.f.s. was reported over the Nine Mile Dam, with the river still rising, and the gates of John Martin Reservoir were ordered closed to where only 1,200 c.f.s. was passing through.

Subsequent investigation showed that Dry Creek was discharging 500 c.f.s., Mud Creek 800 c.f.s., Caddoa Creek 2,000 c.f.s.

At 6:45 A.M., a report came in that the Purgatoire at the Nine Mile Dam showed a flow of 57,000 c.f.s. and that the river was still rising.

At 7:00 A.M., the gates of John Martin Dam were ordered closed.

At 8:30 P.M., Colorado called for a release of 600 c.f.s. and the morning of the 24th, Kansas called for 500 feet at the State Line.

At 7:00 on the morning of the 24th, there was 22,000 acre-feet in storage. There was 1850 c.f.s. over the Highland Dam, and 750 c.f.s. over Nine Mile Dam.

Two inches of rain was reported at Holly, three and one-half inches at Prowers, and three inches at the Dam.

On the evening of July 23rd, the Compact Administration notified the State Engineer by phone, that the gates of John Martin Reservoir would be officially closed for storage of water at 8:00 A.M., July 24th, 1954.

Rains in the area continued until at midnight, July 25th, there was 26,735 acre-feet stored.

Owing to heavy rains in the territory adjacent to the reservoir, the various creeks were running sufficient water to supply the water users in Kansas and Water District #67, and at 4:00 A.M., July 26th, the gates were ordered closed.

As of 8 o'clock this morning, July 27th, 1954, there was in storage 34,118 acre-feet.

Gen. Kramer, under the heading of old business, discussed the condition of the river channel below John Martin Dam and compared the conditions prior and immediately subsequent to the building of John Martin Dam with those of the present. He commented on deterioration of the carrying capacity of bank full flow which, he stated, was less than the design flow for the flood control portion of the dam. Gen. Kramer said he thought that this should be made a point of active study by the Corps of Engineers or the AWR Inter-Agency Committee, but that thus far no action had been taken.

Col. Barnes, District Engineer, C. of E., stated that he would take immediate steps to review the situation in his office. He said he thought the point was well raised, and he would inform the Administration of his findings on the matter.

Mr. Mendenhall commented on the deterioration of the river channel and this effect on the flow from John Martin Dam to the State Line. He gave the quantity of water being released from the reservoir, the estimated flows of several tributaries below the reservoir and the flow at the State Line. The discrepancy in the flow was considerable.

Mr. Smrha commented that the conditions beyond the State Line in Kansas are also similar. He wanted to know what effect it had on the flood control activity of the Administration, and in the operation of the conservation pool.

Chairman Kramer said that there is no official position of the Administration on flood control, but that this does not mean that the Administration is not concerned. He feels that it is definitely a problem, and should be considered as such.

Mr. Leavitt stated that the problem was shown in the flow of the river in 1949.

Chairman Kramer, at the suggestion of Mr. Mendenhall, asked Col. Barnes if the Corps of Engineers would furnish the Administration with Evaporation Data at the end of the Compact Year (October 31st). Col. Barnes said that they would be glad to accommodate the Administration on the request.

In consideration of future plans, Gen. Kramer noted that the next regular meeting was scheduled in December, but in previous years a special meeting had been held in October. After discussion, it was agreed that a special meeting would be held in Denver on Tuesday, October 26, 1954, at a place to be arranged for by Mr. Crawford. The Annual Meeting is to be held in Lamar December 14, 1954.

Chairman Kramer called attention to the following preparations to be made for the special meeting in October:

- (1) Budget estimate for F. Y. 1956 - by Mr. Nevius.
- (2) Dummy Annual Report for 1954 - by Mr. Crawford.

Mr. Smrha pointed out that the Kansas budget is prepared prior to the October Meeting. Mr. Crawford stated that the same condition existed in Colorado. A tentative budget will be forwarded to the two states by the Secretary for inclusion in their respective budget requests.

Gen. Kramer then asked Mr. Bell for comments regarding the status of the gaging stations. Mr. Bell said that the gage at the dam is in need of repairs. He said the State Line flow was about 4,500 c.f.s., and mainly originated below the dam. Flow at Trinidad was about 4,500 c.f.s. when flow at the Alfalfa station was 40,000 c.f.s. which showed that, above Trinidad, no flood condition existed at this time.

Mr. Bell then discussed, at some length, the financial support of the Compact gaging stations. Up to this time, full support had been obtained from the Federal Government. The Bureau of the Budget seemed to take the position that it was important also to the states involved that the gages continue to operate and might take the stand that there should be cooperative effort on their part. If the Bureau does insist that they be so operated, there would be a time lapse before it could be effected. He stated that at present the cost of operation was approximately \$6,000.00 a year, which would necessitate the Administration's cooperation in the amount of \$3,000.00. Last year the Bureau suggested the request be included in another fund, which was subsequently cut, necessarily curtailing the gaging station program.

Chairman Kramer noted this condition and discussed methods of handling the situation. It was tabled for later consideration.

Mr. Smrha, as President of the Association of Western State Engineers, invited all members of the Administration to its convention in Kansas City, Kansas at the Town House Hotel from August 24 to 27 inclusive.

No further business was presented and the meeting adjourned at 11:00 A. M.

These minutes approved by action of the Arkansas River Compact Administration at its Special Meeting October 26, 1954.

Hans Kramer (Brig. Gen. U.S.A.-Ret.)
Administration Chairman

Harry C. Nevius
Administration Secretary