

NATIONAL ASSOCIATION OF EDUCATIONAL BROADCASTERS

BULLETIN

Ames, Iowa

March 27, 1935

(Mailed at Norman, Oklahoma from office of Executive Secretary, T. M. Beaird)

President: W. I. Griffith, Iowa State College.
Vice-President: H. G. Ingham, University of Kansas.
Secretary-Treasurer: B. B. Brackett, University of South Dakota.
Executive Secretary: T. M. Beaird, University of Oklahoma.

Greetings to New Members and Prospective Members of the NAEB:-

It may be that this bulletin is sent to you as a new member or as one who may be interested in becoming a member because we want to enter into a co-operative arrangement in which you help us with your comment, news items and constructive suggestions.

The Association believes it can help you by sending its bulletin with its constructive articles and stories of successes and accomplishments of its member stations. You will understand that this applies, since the revision of the constitution at the Kansas City meeting September 10-11, 1934, to the colleges and universities broadcasting over commercial stations as well as to the stations owned and operated by colleges and universities. Then there is the associate membership designed especially for friends of educational broadcasting who may or may not be connected with an institution doing broadcasting at this time but who want to keep informed as to what is new in the art of educational broadcasting. If interested fill out the blank on the last page.

Respectfully submitted,
W. I. Griffith, President - N.A.E.B.

ATTENTION - FEDERAL COMMUNICATIONS COMMISSION CALLS CONFERENCE

Just as we are completing this bulletin, we receive the letter of March 19 from Secretary Herbert L. Pethey that all of you have probably received. You will note that a conference has been called in Washington, D. C., for Wednesday, May 15th. The conference will evidently be for the purpose of discussing questions at issue between commercial and educational stations. The National Committee on Education by Radio will be represented at this conference. Is it your wish that the National Association of Educational Broadcasters be represented directly or only through the NCER? Intentions to appear at the May 15 conference should be filed by April 29. Notify executive secretary, T. M. Beaird, of your opinion on this important matter at once.

LISTENING GROUPS

As an example of listening groups we report the Iowa Radio Child Study Club programs broadcast by both WSUI, State University, Iowa City, Iowa; and Iowa State College, Ames, Iowa. (WOI)

The Iowa Radio Child Study Club was initiated at the University of Iowa by the Iowa Child Welfare Research Station in cooperation with Iowa State College, Ames, Iowa, and Iowa State Teachers College, Cedar Falls, in 1932-1933. Its fundamental purpose

was to make available to the entire state up-to-date materials direct from child development centers and to aid communities in organizing study groups. Each successive year has seen an expansion of the original program, which presented a course for parents of elementary school children on topics of interest in the study of the school age child. This year, three courses have been offered; namely, the Preschool course, the Elementary school course, and the Adolescent course. Each course consisted of two series with ten talks in the first series and twelve in the second. Broadcasts were given three times a week beginning October 2, from Station WSUI (University of Iowa) and from WOI (Ames) on Tuesday, Wednesday, and Thursday for the preschool, elementary school, and adolescent courses respectively. The length of broadcast was approximately thirty minutes--twenty for the talk and ten for announcements and discussion of the replies received from groups and individual members to the problem sent out in time for the broadcast. Parents could enrol under the group plan or the individual plan.

Group Plan:

Ten or more parents organized as a study group chose a leader who reported the names and addresses of the members and leader to the Iowa Child Welfare Research Station, State University of Iowa, Iowa City or to radio station WOI, Ames. At the time of enrolment, each group signified in which course and in which series it was interested. There was no charge for group enrolment.

Each leader was supplied in advance with a copy of the lecture, suggested reading references and a problem to be discussed in connection with the broadcast. The group worked out a suggested solution to the problem and sent its answer to the Station at Iowa City on a report form provided for this purpose. These reports were assembled and discussed over the radio two weeks later. Libraries cooperated to make available the references used in the assignments.

P. T. A. study groups enrolled in the Radio Child Study Club received credit toward standard or superior rating.

Individual Plan:

To meet the needs of parents who find it difficult to join a group, the individual plan was developed. A person may enrol as an individual member by paying a registration fee of fifty cents for each series in which he or she wishes to enrol. Each individual member received a copy of the lecture and the assignment for each lesson and reported solution to the problem.

At the close of the enrolment on February 7, for the year 1934-1935 there were 2,305 members in the Radio Child Study Club. One hundred and fifty groups took advantage of membership and forty-one individuals enrolled.

The growth of the Club from its inception may be compared with the report of 1932-1933 which shows thirty-one groups representing 425 members.

Copies of the addresses may be secured with the privilege of broadcasting over your station by addressing Dr. R. H. Ojemann, Iowa City, Iowa.

THE FEDERAL COMMUNICATIONS COMMISSION

Mr. Anning S. Prall, who was appointed to fill the vacancy on the Federal Communications Commission, received senate confirmation shortly after his appointment. Mr. Prall was appointed to fill the vacancy caused by the resignation of Commissioner Hampson Gary. The following commissioners were confirmed by the United States Senate February 7, 1935: Chairman, Anning S. Prall; Judge Eugene O. Sykes, Jackson, Mississippi; Col. Thad. H. Brown, Columbus, Ohio; Dr. Irvin Stewart, Fort Worth,

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Texas; Norman S. Case, Providence, Rhode Island; Paul A. Walker, Oklahoma City, Oklahoma; and George H. Payne, New York, New York.

The Federal Communications Commission was created by Act of Congress approved June 19, 1934. President Roosevelt appointed Judge Sykes as chairman. The Commission has the power to regulate interstate and foreign communications by wire or radio and is composed of three subdivisions; namely, the broadcasting division, the telegraph division, and the telephone division. Judge Sykes is chairman, and Commissioners Case and Prall are members of the broadcasting division of the Federal Communications Commission.

WORK OF THE NATIONAL ADVISORY COUNCIL IN RADIO EDUCATION

We suggest that you keep on your desk a supply of the programs made available over chain stations by the National Advisory Council in Radio Education. We find it very convenient to put one of these in letters addressed to our faculty who are sometimes inclined to feel that there is nothing worth while on the air. We believe in recognizing good programs whenever and wherever presented. If you do not have this material we suggest that you communicate with Dr. Levering Tyson, Executive Secretary of the National Advisory Council in Radio Education, 60 East 42nd Street, New York City, and it may be well to ask for a list of the monographs that have been issued by this council on many topics that will be of interest to broadcasters. They are comparatively inexpensive and are very well worth reading.

THE RADIO INSTITUTE OF AUDIBLE ARTS

We have had considerable correspondence with Mr. Pitts Sanborn, Director of the Radio Institute of Audible Arts, 80 Broadway, New York City. This institute was founded by the Philco and Radio Television Corporation. The purpose as announced "is to cultivate a broader appreciation of the audible arts, and generally to advance from a broader social standpoint the effective utilization of radio today. The Institute will attempt to stimulate public recognition and appreciation of the best in radio. It hopes in this way to create a wider demand for good music, news broadcasts, dissemination of opinion, and educational programs, thereby encouraging the public to reap the fullest benefits from existing radio broadcasting. If The Radio Institute of the Audible Arts can quicken public interest in worth while radio programs, the enormous influence of the radio for good may be realized."

ON WISCONSIN

Our good friend, H. B. McCarty, Program Director of WHA, Wisconsin State Station, informs us that:

"State Capitol Broadcasts" originate in the WHA studio in the Wisconsin State Capitol building in Madison. This series presents on the air each afternoon a senator or assemblyman who discusses some problem confronting the legislature. All legislators are invited to use the radio to speak directly to their constituents, and the voters of the state at large. The lawmakers are enthusiastic about this plan which makes it possible for them to convey their messages without fear of misinterpretation. Time is provided without charge.

"In addition to being heard over WHA, "State Capitol Broadcasts" are rebroadcast by WLBL, owned by the Wisconsin Department of Agriculture and Markets, and three commercial stations, WIBU, Poynette, WCLO, Janesville, and WTAQ, La Crosse, Wis.

"Operating jointly with the state-stations, the University School of Education and the Extension Division are presenting "teachers' roundtables" for teachers in

service. These are virtually weekly teachers institutes which make available to the regular school faculty meetings, discussions of the newest developments in education. They are broadcast after school, at 4:00 on Tuesdays, so teachers are able to listen. Each half hour program is then mimeographed and sent to all who request it. Approximately 1000 copies are distributed each week. If you want a copy - you may get it by asking.

VOCATIONAL GUIDANCE

A number of the member stations have broadcast some very worth while courses along the line of vocational guidance. One of the most effective ways of presenting this material is by use of a dramatic skit. Twenty-three such skits are being given this year by the American School of the Air. One such skit entitled, "Do you like to work out-doors?" written by Marion W. Townner and two splendid articles on different phases of vocational guidance by Dean Wm. F. Russell and John M. Loughran are found in March, 1935, issue of Occupations, the vocational guidance magazine.

The best part of the story is that Director Franklin T. Keller of the National Occupational Conference, 522 5th Avenue, New York City, says that we may not only broadcast the skit published in the March issue of Occupations, but plans are being completed for financing a plan whereby we not only may use the material but are urged to do so, by making the proper courtesy announcement. If this interests you write to Mr. Keller at the address given above for further details.

WORLD FEDERATION OF EDUCATIONAL ASSOCIATIONS

Announcement is being made of the next meeting of the World Federation of Educational Associations at Oxford, England, August 10-17. If you or any of the faculty members of your institution are planning to attend, have them give special attention to the programs of the British Broadcasting Corporation, and furnish us a copy of their report for use next September.

MOTION PICTURE PROGRAM MATERIAL

We have received the script of five splendid radio addresses prepared by Dr. Edgar Dale, and broadcast as a part of the Ohio School of the Air over WLW. These talks are on the general subject "The Motion Picture as a Leisure Time Activity." The specific titles are:

1. Learning how to use your leisure time.
2. How do high school students choose their movies?
3. What standards do high school students use in judging movies?
4. Animated cartoons; an interview with Walt Disney.
5. How to enjoy a motion picture.

The best part of this is that Dr. Dale who is recognized as an authority on this subject, generously offers all member stations of the NABE the privilege of broadcasting the material he has prepared. Address him c/o Bureau of Educational Research, Ohio State University, Columbus, Ohio.

300th ANNIVERSARY OF FOUNDING OF THE AMERICAN HIGH SCHOOL

Has your station presented any programs in celebration of the 300th anniversary of the founding of the American high school? If not, you may receive helpful suggestions for programs by addressing Publicity Chairman M. R. Robinson, editor of Scholastic, the national high school weekly, 801 Chamber of Commerce Building, Pittsburgh, Pa.

FUNCTION OF THE NATIONAL COMMITTEE ON EDUCATION BY RADIO

Most of you are familiar with the organization and work of the National Committee

on Education by Radio. One very valuable part of its work is conducted by Director of its Service Bureau, Mr. Armstrong Perry. Mr. Perry kindly submitted the following statement with reference to the Service Bureau.

"The National Committee on Education by Radio maintains a Service Bureau in the National Press Building, Washington, D. C., for service to educational stations. It is a clearinghouse for information on education by radio. One of the most successful radio attorneys in the country is made available, free of charge, for advice on legal matters.

"In the past four years the Federal Radio Commission and its successor, the Federal Communications Commission, have reported over 1500 applications affecting the facilities of educational stations. The Service Bureau has been able to save considerable amounts of money for the educational stations.

"Cooperation among the educational stations is necessary if their rights are to be adequately protected and their service fully developed. The National Association of Educational Broadcasters is represented on the National Committee on Education by Radio and in the opinion of the Service Bureau every educational broadcasting station should be a member of the Association.

BROADCAST OF ELEMENTARY GERMAN BY KFKU

We acknowledge receipt of a copy of a very fine radio address on the subject, "Radio as a medium for foreign language instruction," presented over KFKU by Professor E. F. Engel, professor of German at Kansas University, Lawrence, Kansas. Professor Harold G. Ingham says that this is the third year that this radio course in elementary German has been presented. It consists of 50 fifteen-minute periods each. Professor Engel has been identified with higher education for forty years. He is a radio enthusiast with a vision of the expanding possibilities of radio for human progress and culture. Professor Engel has agreed to make this course available to other stations for the cost of the mimeograph material. There is absolutely no financial return to him except the possibility of a very small royalty on the sale of a text that he has developed as a result of thirty years of teaching. If you are interested we suggest you write to him c/o KFKU, Lawrence, Kansas, at once.

COLUMBUS RADIO MEETING

Are you so adjusting your time and program that it will be possible for you to attend the radio meeting in Columbus, Ohio, May 6, 7 and 8? This is an unusual meeting. The Sixth Annual Institute for Education by Radio combines with the Fifth Annual Assembly of the National Advisory Council on Radio in Education. Dean W. W. Charters, Dr. Levering Tyson and Dr. George Zook, Director of American Council on Education, form the program committee and judging from the tentative program it will be well worth your attention.

The writer of this bulletin has been asked to provide the program for Monday afternoon, May 6th, and has been fortunate in securing the acceptance of Miss Judith Waller, Educational Director Central Division NBC, who will address us on the subject, "What I would do if I were running an educational broadcasting station;" Pres. Herman James, University of South Dakota, Vermillion, S. Dakota, "Democracy and Radio;" State Superintendent of Public Instruction, Agnes Samuelson, Des Moines, Iowa, "The Radio as an agency in interpreting education." We know you will enjoy the addresses and the discussions that will follow.

By the way, do you recall that Dean Charters asked you to send or bring any samples of recordings that you have made of any typical programs that you have broadcast.

This meeting is a wonderful place to exchange ideas.

NCER RELEASES

Are you receiving and using the NCER Educational and Science releases? Both series represent a good deal of time spent in the preparation of the material. If you are not getting them may we suggest that you ask for them, consider them carefully, and use them if you can do so to advantage.

IOWA HIGH SCHOOL BASKET BALL TOURNAMENT

In Iowa, 820 high schools entered basket ball teams in the first contests. All but sixteen teams were eliminated in the county and sectional tournaments. WOI broadcast the daylight games by remote control from Cedar Falls, Iowa, with "Andy" Woolfries at the mike. This is a service much appreciated by the high school students and friends of athletics and education. Between halves and games a series of short three-minute talks were given in behalf of the cause of higher education in the state.

NEXT MEETING OF NATIONAL COMMITTEE ON EDUCATION BY RADIO

The committee are meeting Monday, March 25, to consider the report of the subcommittee on definite future procedure. The subcommittee consists of President Arthur G. Crane, University of Wyoming, representing the National Association of State Universities;; Father Charles A. Robinson, S. J., St. Louis University, representing the Jesuit Educational Association; and J. O. Koller, Pennsylvania State College, representing the National University Extension Association. This is expected to be an important session and we will be able to report more details in the April bulletin.

SHORT WAVE BROADCAST

Mr. Wm. L. Barber, Educational Director of the World Wide Broadcasting Corporation, University Club, Boston, Mass., invites us to listen to the educational programs broadcast over WIXAL. This is a 5000 watt station operating on 6040 k. c. There is a possibility of your being able to receive the short wave programs and re-broadcast them. If interested, correspond with Mr. Barber.

In correspondence received from the German Short Wave Broadcasting House, Berlin, they are very much interested in having amateur stations in America listen to the broadcasting of their station DJC which operates on 6020 k. c. They state that the short wave international programs were "instituted with a double purpose; In the first instance, and more particularly, to furnish our German kinsmen overseas with a pleasant means of re-establishing or maintaining associations with the old homeland, and further, with a view to affording radio listeners generally the opportunity, through the musical programs and news bulletins and other items provided, of a direct contact with life and amenities in this country, and the present aims and aspirations of its people, than would normally be possible in any other way. It was hoped that they might thus help also to further mutual understanding and friendly intercourse between our two nations."

The program showing the material available from day to day contains the following statement from a speech delivered by Adolf Hitler:

"In the shaping of its relations with other countries the German Government sets out from the principle, that it is of course immaterial what sort of constitution and form of government it may please nations to bestow upon themselves. The determining of its life within its own borders

in the manner it may deem best is a matter which is entirely a nation's own concern. If therefore the German nation chooses to give to its State organizations and the management of its State affairs a mental and spiritual content and a constructional form in accord with its own feelings, that too is peculiarly its own concern."

Whether or not you believe in Hitler's statement it may be that students connected with the college will be interested in receiving programs released by this station. We suggest that you correspond with them in order to be placed on their mailing list to receive their monthly releases.

Some of the amateurs also enjoy tuning in on GSA on 6050 k. c., Daventry, Northhamptonshire, England.

STUDENT PARTICIPATION IN RADIO BROADCASTING AT KWSC

Professor Frank F. Nalder, Director of KWSC, Pullman, Washington, gives us all something to think about in this article:

"Station KWSC, of the State College, Pullman Washington, believes that it may have a unique distinction, in producing and broadcasting its varied programs, of giving part-time employment and radio experience to an especially large number of college students. Many young people earn part of their college expenses by means of part-time radio employment. All the announcing in its weekly offerings of 70½ hours is done by a staff of seven students; all the operation of the transmitter, by a staff of eight student technicians; two students in the School of Music plan and organize musical broadcasts; three student journalists write general continuity and publicity; three young people edit, prepare, and organize agricultural material for broadcasting; four do clerical work. These 27 young men and women who receive financial compensation for their services, work under the direction of members of the faculty.

"Besides these, considerably over a hundred students contribute to radio broadcasting and either receive credit for special courses related to radio, or just do the work "for the love of the mike." These include twenty-six musical students, especially selected for talent and proficiency by the Dean of the School of Music, who are enrolled in a course in musical radio broadcasting, and give programs every week under specific instruction. Thirty-five students of public speaking and dramatics are enrolled in a class in that department of the institution, and receive regular credit for their work. Four young women in the College of Home Economics turn their ability to give expression of useful facts to practical and credit account by assisting with home makers' programs. Less formally, many other students from other departments of the College--Engineering, Pharmacy, Veterinary, Medicine, Dairying, Journalism, English, and numerous scientific fields--interpret what they are learning to the radio public of the Northwest. Several informal musical and literary organizations that broadcast regularly add to the number of students who get experience in microphone appearance."

"On Friday evening, March 29, beginning at 7:30 p. m., Pacific Standard Time, KWSC will broadcast its Tenth Annual Old Fiddlers' Contest. This event has been made famous throughout the Northwest during the ten years of its annual recurrence. All old fiddlers taking part must be at least 50 years of age, and reside within a hundred miles of Pullman. They select their own programs, and each plays for a specified period--six minutes. Veterans of the fiddle-and-bow, some in their eighties, come from farm and remote mining or lumber town, from backwoods, hamlet and mountain fastness, to participate. The contest is decided, one-third by competent judges, two-thirds by listeners' votes."

INCREASED POWER AT WSUI

Carl Henzer, Director WSUI, Iowa City, Iowa, reports regarding the WSWI grant of a power increase to 1000 watts day and continuous hours of operation; it is difficult to give anything like an exact statement of the increase in primary coverage without field strength measurements. We do know, however, that our daytime service area has been definitely increased and better reception is reported from other points. Exclusive of Sunday we operate twelve hours daily as a minimum. On some days the time runs as high as fifteen hours. It may interest the fraternity to know that WSUI is enjoying excellent frequency stability by the use of a new type "A" cut crystal. Our maximum deviation seems to be less than one-half cycle. A cathode ray oscillograph as described in one of my prints available to N.A.E.B. members some time ago is an integral part of monitoring equipment. Station directors should obtain some form of cathode ray monitoring equipment as it is extremely valuable.

WSUI operates in conjunction with television station W9XK to broadcast a program of both sight and sound on regular schedule twice each week. These programs are transmitted on Tuesday and Thursday evenings at 7:30 o'clock. W9XK is now using a power of 100 watts on a frequency of 2050 k. c. The scanning equipment utilizes a 45 hole, 3 spiral disc. Experimental work is being conducted with a view to adding a 5 meter television transmitter to the system.

DEBATING AT WOI

For several years WOI, Iowa State College, Ames, Iowa, has offered a series of radio debates with other colleges. The response has always been good. This year as one of the debates an Iowa State College team debated Kansas State College over radio station WOI on February 7 on the question of the feasibility of adopting the unicameral legislative system in the State of Iowa. A number of members of the General Assembly listened to the debate by radio. Members sponsoring such measures in both the House of Representatives and the Senate wrote to station WOI for copies of the manuscripts, and asked that an intercollegiate debate be sent to the floor of the Assembly. As a result of this request, a debate was held before a joint session of the two houses on March 6, Iowa State College asking for adoption of a single body legislature, Kirksville (Missouri) State Teachers advising against such a change. A lively open forum followed the debate. The Judiciary Committee of the Senate, which has the bill under consideration, called a meeting immediately after the discussion. The chairman of that Committee promised the debaters that the bill would not be killed in Committee, but would be brought to the floor of the Senate for general discussion and vote.

On the Sunday following the debate before the legislature, the editor of the Des Moines Register commented on the debate in his editorial column to the effect that more debates should be held on other vital subjects, and that the college debaters had more time to find material about proposed legislation than do the senators and representatives. The editor stopped before becoming involved as to their comparative abilities to use the facts.

NEW YORK

C. A. Taylor, in charge of agricultural radio programs at WESG, Ithaca, New York, says: "The annual Farm and Home Week at the New York State College of Agriculture during February had a registered attendance of more than 8,000. That necessitated the use of public address system in several large rooms on the campus so that all might hear some of our principal speakers, including Mrs. Franklin D. Roosevelt and Governor Herbert H. Lehman. By remote control these addresses and those of some of our other principal speakers were picked up and broadcast from our station, WESG, 1000 watts.

"During Farm and Home Week, we had a two-session, one-day conference for some of those people in the State, who are particularly interested in broadcasting matters relating to agriculture and home economics. These included agricultural announcers from several of the 24 stations in New York State which are broadcasting agricultural programs for the college. It also included chairmen of the County Agricultural Agent, Home Demonstration Agent, and 4-H Club Agent groups, which are broadcasting regularly from seven different stations in as many regions of the State. We were also glad to have as guests, Morse Salisbury of Washington; John Baker of Amherst, Massachusetts; Levering Tyson, of the National Advisory Council on Radio in Education; and Armstrong Perry, of the National Committee on Education by Radio. Besides getting acquainted, we had a chance to go to bat on many of the perplexing problems of the day. It was all informal, no minutes and no newspaper reporters, so we could go to the core of things."

KOAC BROADCAST FEATURES

Program Director Luke L. Roberts of KOAC, Corvallis, Oregon, submits the following:

"Recognition of the interests and realization of the needs of Oregon home owners and other householders, prompted KOAC, the state-owned station in Corvallis, Oregon, to develop and present three series of educational programs, totaling 38 different broadcasts, during the fall and winter of 1934-35.

"'Bettering your house conditions' was the title of the first series of 13 programs, presented under the supervision of W. J. Gilmore, professor of agricultural engineering, a man who is now on leave of absence from the college and in charge of rural housing work for Oregon, Washington, and Idaho for the Federal Housing Administration. Based on information obtained from the Housing Survey made in Oregon, this series of interviews attempted to present to home owners specific suggestions and help in repairing their houses. Experts in various lines of house repair work and buildings were interviewed by Professor Gilmore.

"The second series on 'Fitting your house to your family' was a radio study course dealing with fundamental principles of house planning as approved by home economists and based upon research work done by them. Information was presented in three-cornered conversations between Claud Wilson, Home Economist of the Oregon Experiment Station, Zelta Rodemold, Home Economist at KOAC, and Mr. Everyman. More than 200 home owners enrolled for the study course and received mimeographed or printed supplements bearing on the weekly radio discussion. Radio conversations as well as the weekly supplements were prepared by Miss Wilson, who is studying family housing needs and planning built-ins and other parts of the house. Miss Wilson is author of a Station bulletin 'Planning the Willamette Valley Farmhouse for Family Needs' and was a member of the National Housing Survey Committee appointed by Dr. Louise Stanley, chief of the Bureau of Home Economics.

"Twelve programs designed to aid rural and urban home owners in obtaining the best water systems and best plumbing equipment for the amount of money available were included in the series called 'How You Can Afford Modern Plumbing.' These were prepared by Clyde Walker, associate professor of agricultural engineering, and were presented in dialogue form. They included suggestions for good arrangement of equipment, a satisfying use of it, and information on its proper care.

"In addition to arranging and presenting these 38 broadcasts, KOAC cooperated further with the Federal Housing Administration in its nation-wide housing program by presenting a number of playlets dealing with home improvement, and giving numerous spot announcements sent out by national headquarters from time to time.

W. E. STEWART, WOI ENGINEER GRINDS HIS OWN CRYSTALS

A great step forward was made in the frequency control of broadcasting stations with the advent of the crystal-controlled transmitter. WOI, I believe, claims to have been one of the first transmitters in the middle west to take advantage of this advance in the Radio arts. Crystal control brings problems of its own, however. One disadvantage has been the effect of temperature on the crystal. A degree of change in the temperature of the crystal is often enough to throw the transmitter outside its allowed frequency deviation. To prevent this, the crystal is kept in an oven at constant temperature. In case of power failure, the oven may cool off and the transmitter must stay off, even after the power is back on, until the oven is warm again.

The Bell system Technical Journal, July 1934, page 453, carried an article describing a new way to cut the quartz plate so that no change in frequency results from a change in temperature. This cut has been named the "A-cut" crystal. This crystal is now on the market at a moderate price. However, rather than buy an "A-cut" crystal, WOI is giving its operators, who are students at Iowa State College, some valuable experience and training by cutting and grinding an "A-cut" crystal from the raw quartz. Incidentally, it gives the engineer an opportunity for some research along this line in which he is especially interested.

Clarence E. Damon, 203 Administration Building, Purdue University, Lafayette, Ind., is responsible for the operation of station WBAA. According to the outline submitted, they are making very effective use of the time at their disposal. Personally, I am more interested in what they are doing on their Children's Hour, for the reason that at WOI we are now giving attention to this matter. I suspect that others will find other features that will appeal to them. I suggest that you write to Mr. Damon for his program, if you do not now have it.

Radio station WKAR of East Lansing, Michigan, are broadcasting a series of lectures that are somewhat of an innovation. The series is called the Economics of the New Deal. If you are interested in this topic or other items on this program, I suggest that you write to Robert J. Coleman, director of WKAR.

William McKinley Robinson is broadcasting programs representing Western State Teachers College at Kalamazoo, Michigan, over station WKZO. I am sure from the list of topics discussed that the time is being used to good advantage.

Elmer G. Sulzer is responsible for the radio programs broadcast by the University of Kentucky over WHAS. "In order to make available to the people of the mountains of Kentucky, University and other valuable radio features, a plan was inaugurated during the spring of 1933 whereby a system of Radio Listening Centers was to be established in this territory. In the carrying out of this system, the University of Kentucky equips such centers with radio sets, and the operators of the centers see that they are tuned daily to educational programs of worth. They encourage people of their communities to daily come in to the centers and listen." Funds for the purchase of receiving sets in the listening centers were secured by donations.

A fine series of children's programs are being broadcast by station KOAC at Corvallis and by station KBPS, the station owned by the Benson Polytechnic School at Portland. If you are interested in the content of this program for the past three months, write to either one of the above mentioned stations.

Station KFDY of Brookings, South Dakota, have a very effective way of releasing publicity. This is sent as page 4 of the literature known as 4-H Club Doings.

Station WILL, University of Illinois, Urbana, have a very interesting array of talent, and make this suggestion in bold-faced type - "Please Post." We suspect that these two words save a good many leaflets from the waste basket and result in serving many listeners.

Station KSAC at Manhattan, Kansas, have a unique program known as Young People's Hour. In this is discussed such topics as, "Who should go to college?" "Why I came to college" "The Present status of engineering", and many other topics of interest to prospective students and their parents.

Station WRUF, Gainesville, Florida, are broadcasting a series of farm radio programs for Florida. In order to make sure of covering the state this information is also broadcast by WQAL, Miami; WBDO, Orlando; WSUN, St. Petersburg; WCOA, Pensacola; and WBR, Jacksonville.

Station WSUI, University of Iowa, Iowa City, Iowa, are presenting an unusual program known as the Speech Clinic of the Air. It is of service for the listeners who have speech defects and discusses the problems involved in correcting these defects. Another program that is proved to be a real service is the one prepared by the Iowa Federation of Women's Clubs. This has been running since October. Approximately 150 clubs are using the broadcast as a study course with at least 300 known individuals who are not members of the club. A series of constructive and timely topics are being discussed by prominent individuals on the faculty and elsewhere in the state who are recognized authorities in their respective fields.

WOSU, Ohio State University, continue to broadcast a constructive program. We note that they have invited the private and denominational schools of the state to make use of the University station. We are sure that this is a courteous thing to do and makes many friends for the University.

An additional feature being added to the WNAD work this Spring is a cooperative project as developed by WOSU of Ohio State, and WHA of Wisconsin. Last week WNAD released its first announcements of the first annual radio play tournament for Junior Colleges and Senior High Schools of Oklahoma. Later we hope to have a Senior College group. The dates for the Junior College assembly are April 4, 5 and 6. The announcements had been in the mail only three days when we received our first five entries in the Junior College division. The Senior High School tournament will be staged on April 25, 26 and 27. Both of these contests are under the co-sponsorship of Phantom Mask, WNAD, and the Oklahoma State Forensic Association, in which all the groups are participating as enrolled members. We are receiving a universal cry for printed material on suggestions as to how to broadcast radio plays. In our libraries we have some 'book' material. What we need is a release of some 8 or 10 mimeographed pages that will give condensed suggestions, directly to the point, dealing with this phase of educational work. Will some station official come to our rescue and supply us with such material at the earliest possible date?

The annual WNAD play writing contest, sponsored for the laymen of this state, has just been brought to a close. Plays were submitted from all sections of Oklahoma by individuals in various walks of life--lawyers, doctors, college students, and even a barber. From the list received, a state committee selected the 9 best. From this list of 9, a group of three judges selected the 3 best. These 3 are being submitted to M. P. Lenser, production manager, N.B.C., Chicago; Mrs. Vida R. Sutton, director of 'Magic of Speech Hour', N.B.C., New York; and William Friel Heimlich, director of dramas, Ohio State University. The three judges will announce first, second, and third choices of the plays submitted. We shall be very happy to supply all information as to how we conduct this contest in this state to any interested person. Write to director T. M. Beaird, WNAD, Norman, Oklahoma, if you would like to receive copies of the rules governing radio play tournaments sent to Junior Colleges and High Schools. The suggestions and regulations can well be adapted to fit any community.

RECOMMENDED FOR READING AND FURTHER STUDY

Radio; The Fifth Estate: 29 articles, every one worth reading. Published by the American Academy of Political and Social Science, 3457 Walnut Street, Philadelphia, Pennsylvania.

What Hope Radio Drama? by J. H. Lapham, Theater Arts Monthly, Jan. 1934.

Bulletins of National Advisory Council in Radio Education. Address Secretary Tracy F. Tyler, 1201 - 16th St., Washington, D. C.

Rethinking our Relation to Radio, Tracy Tyler, Chicago, Ill. Feb. 15, NCER. Editor's section of the International Council of Religious Education.

New Vistas in Radio, by Leopold Stokowski, Atlantic Monthly, Jan. 1935.

Advertising through the Schools, Tracy Tyler. School and Society, Vol. 41 - 1933, Feb. 2, 1935.

Radio Broadcasting Activities of State Departments of Education, Tracy Tyler, National Council on Education by Radio.

Radio Broadcasting Activities of State Teachers Associations, Tracy Tyler, National Council on Education by Radio.

We thank all of you that have furnished suggestions for this March Bulletin. The April bulletin will be issued by our executive secretary T. M. Beaird, Director of WIMAD, Norman, Oklahoma. Send your material and suggestions to him by April 15, 1935.

(Detach here and use. No time like the present)

Prof. B. B. Brackett
Secretary-Treasurer - National Assn. of Educational Broadcasters
c/o Radio Station KUSD
Vermillion, South Dakota

1935

Dear Sir:

Please enrol _____
(Name of college or university)

as a member of the National Association of Educational Broadcasters, for which I am enclosing the enrolment fee of \$10.00. Our program is broadcast over Station _____. Please send receipt and put my name on the mailing list to receive the 1935 bulletins.

Yours truly,

Associate membership - \$2.50