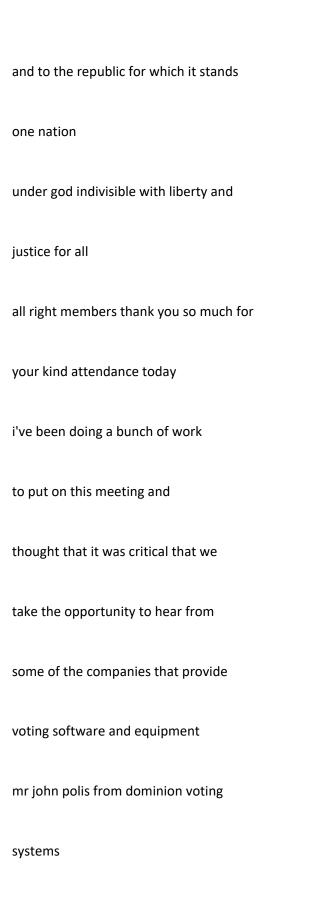
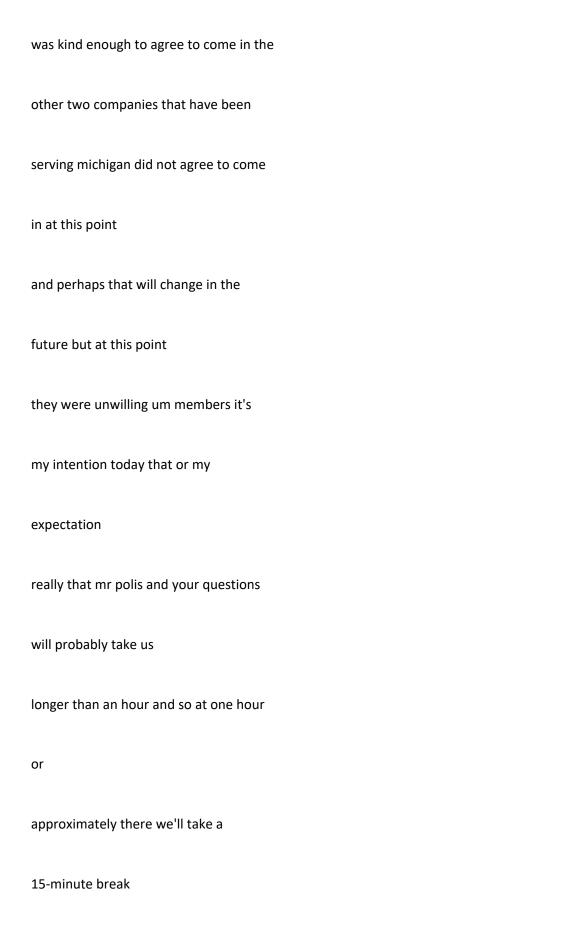
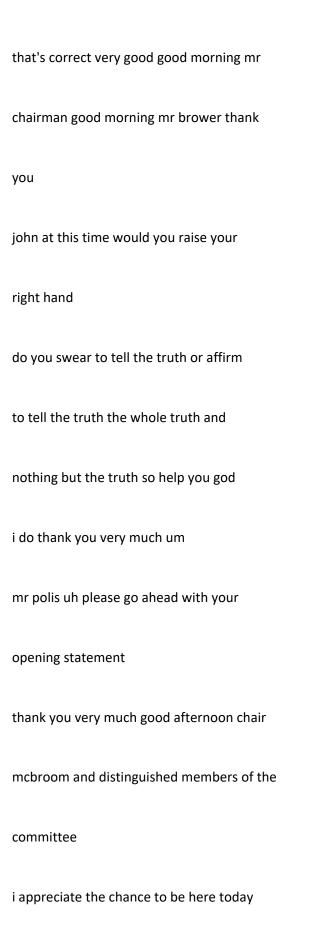
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[Music]
the senate committee on oversight will
come to order
good afternoon madam clerk mr chairman
please call the role
chairman mcbroom here senator lucito
senator tice senator mcdonald
senator irwin mr chairman there are five
members present you have a quorum
thank you very much madam clerk will
members and guests please join me in
reciting the pledge of allegiance
to the flag of the united states of
america

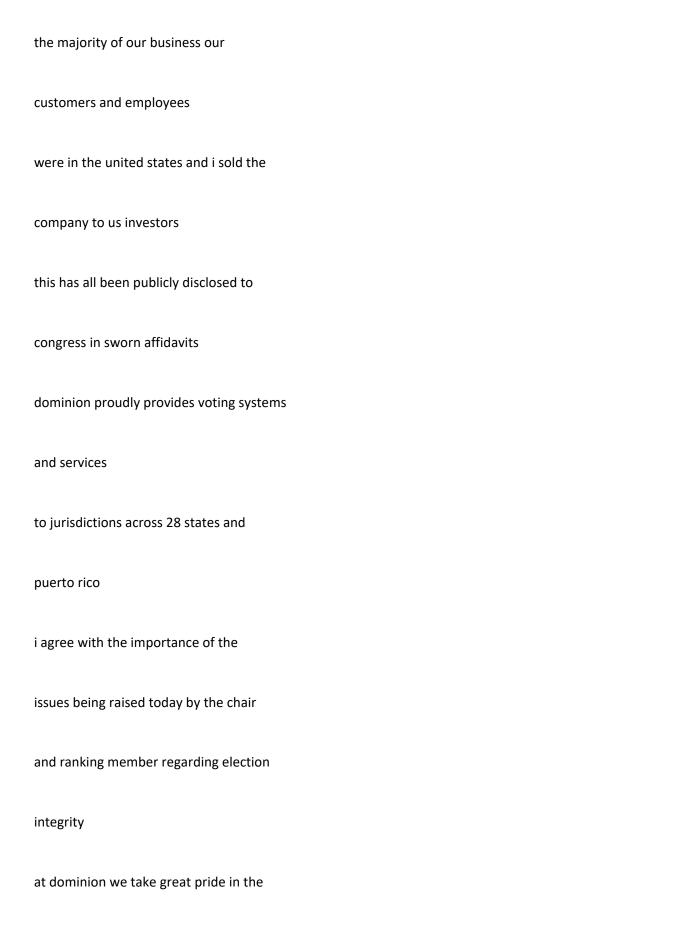




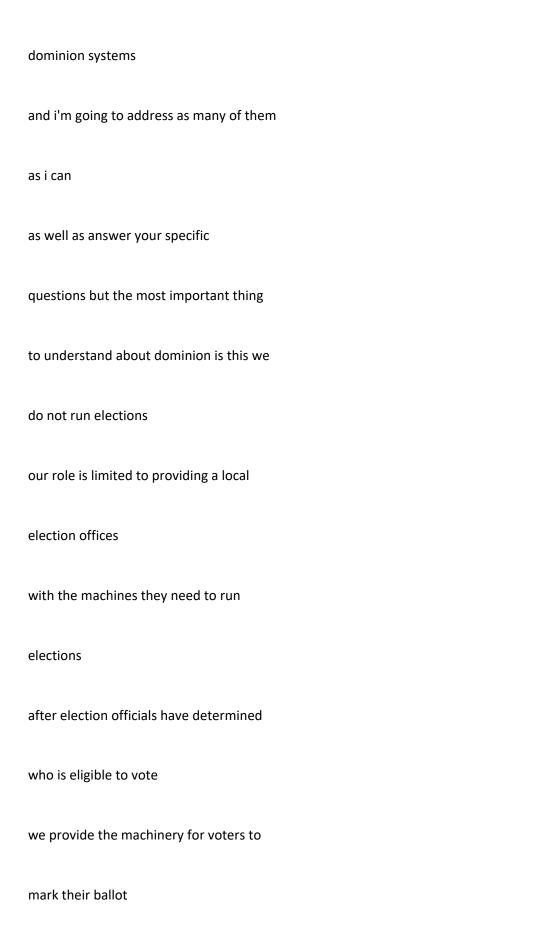
for everybody to stretch their legs and catch their breath and regroup after that and if it ends up taking a little longer um then that will build in another break um so that everybody can take those necessary times to clear your head um so at this point i think we're ready to hear from mr polis john can you hear me i can you hear me yes we can and i and with you you have mr brower who i assume is your attorney our company's attorney yes

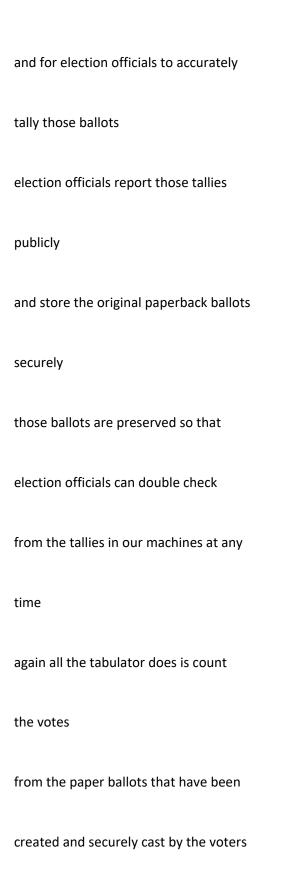


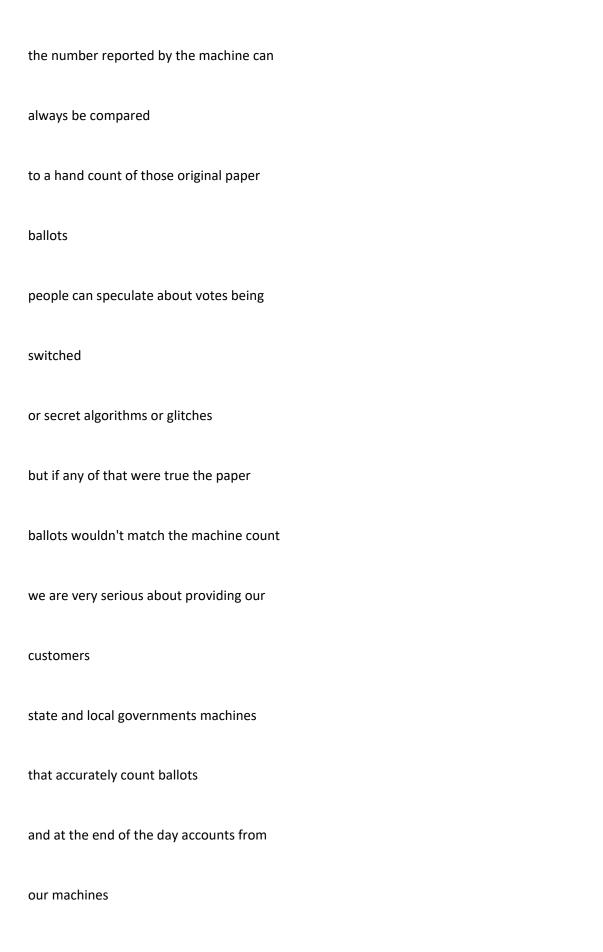


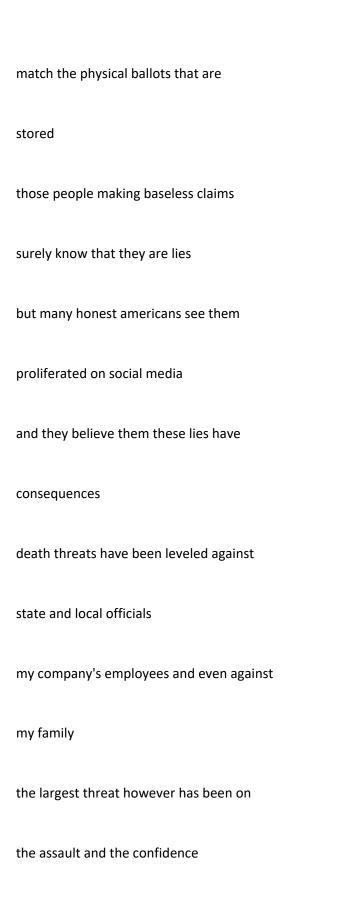


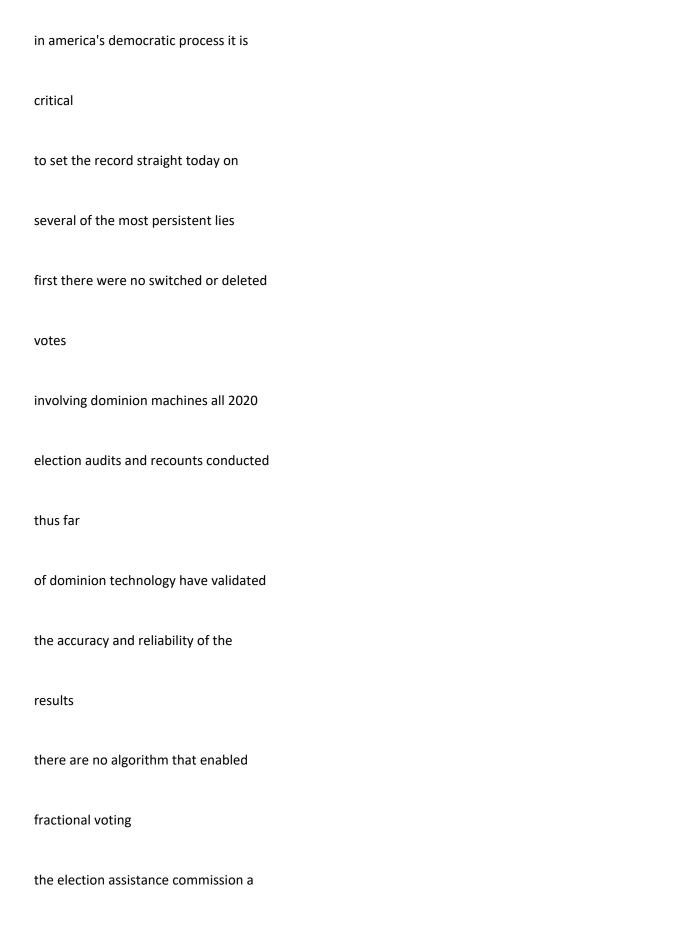
limited role we play in elections and we want to assure voters that they can have confidence in the accuracy and reliability of their voting systems we go to work every day cognizant of this important responsibility unfortunately dominion has recently been thrust into the national spotlight as part of a dangerous and reckless disinformation campaign aimed at sowing doubt and confusion over the 2020 presidential election a lot of things have been said about

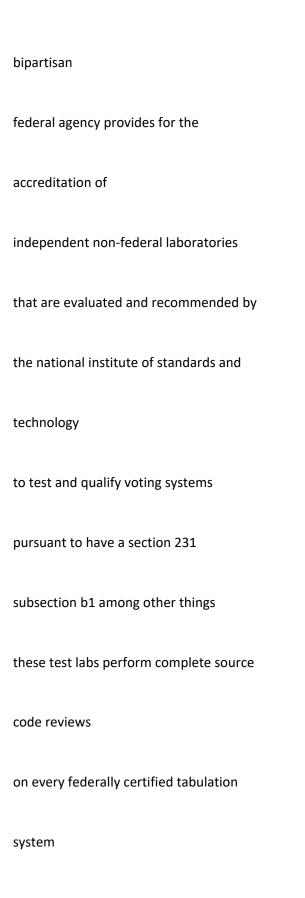


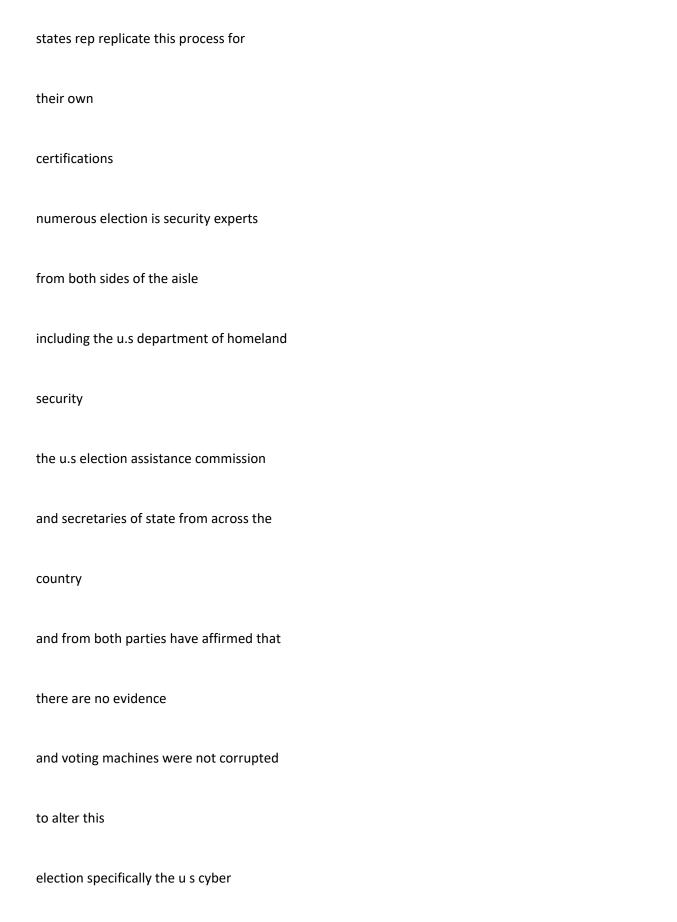


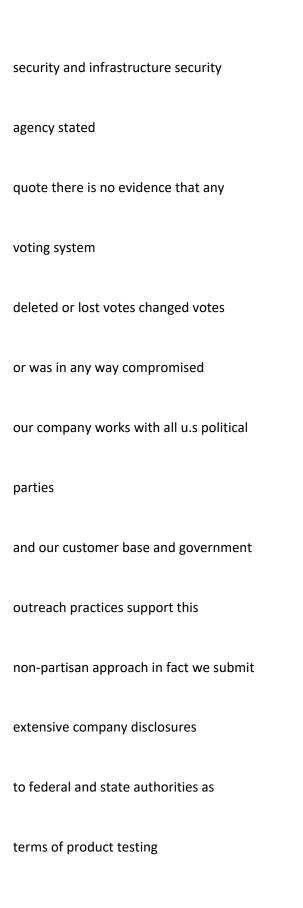


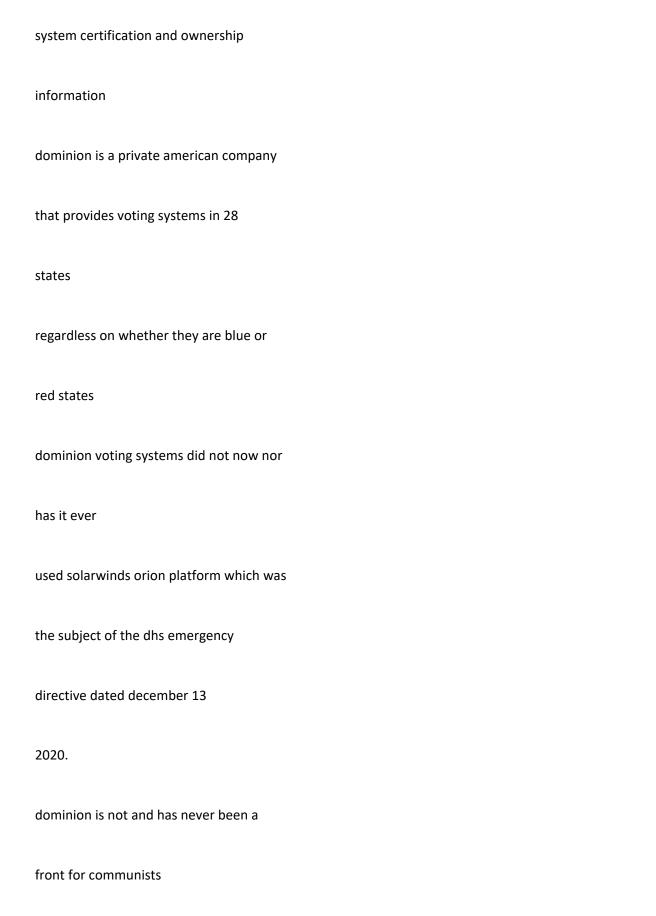


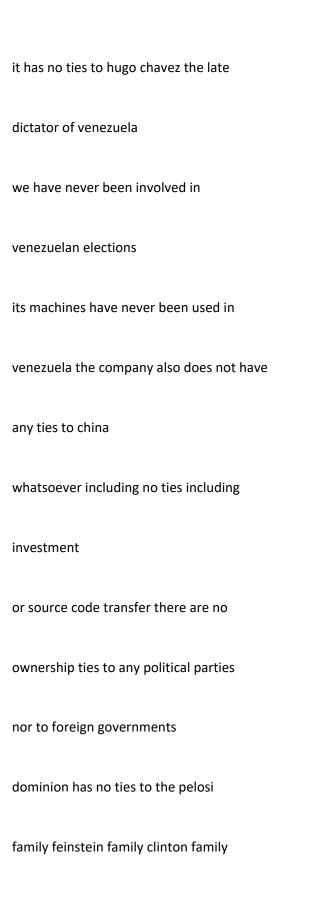


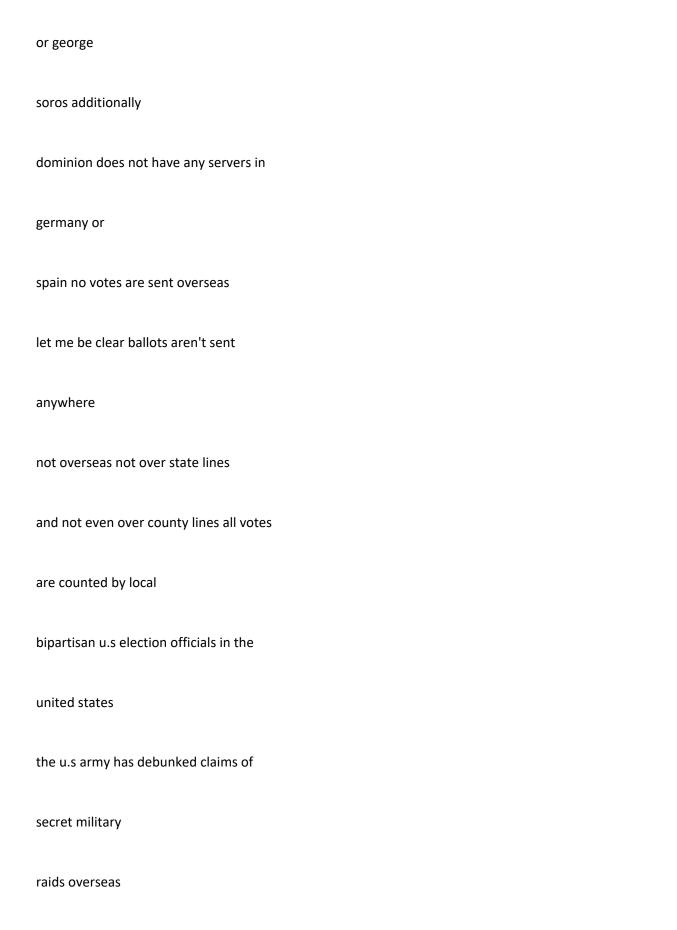


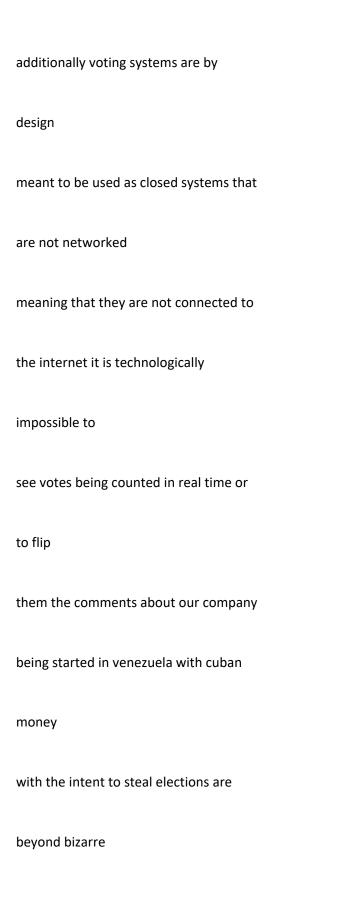


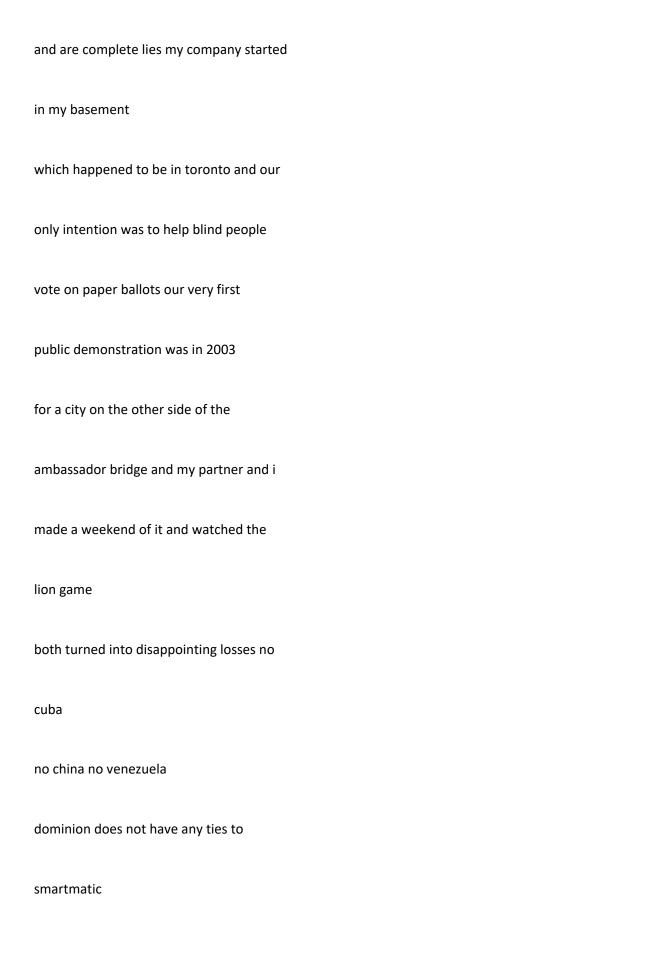


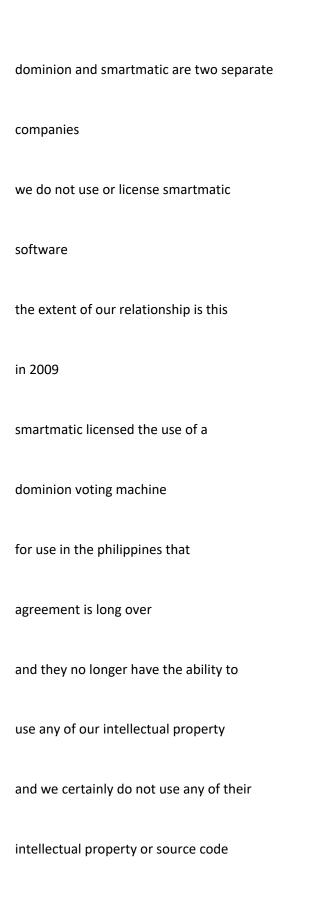






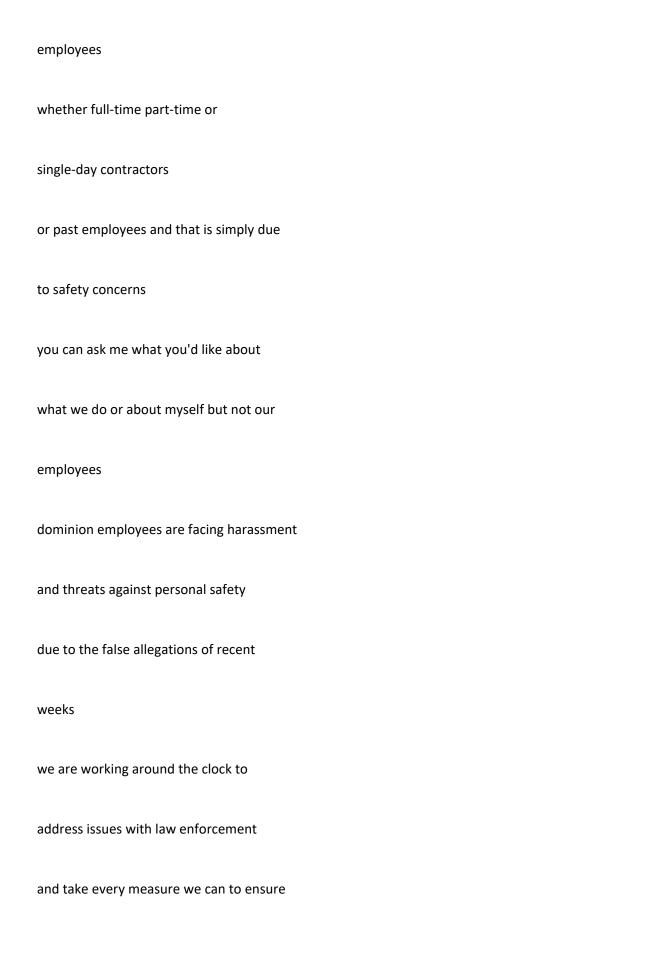




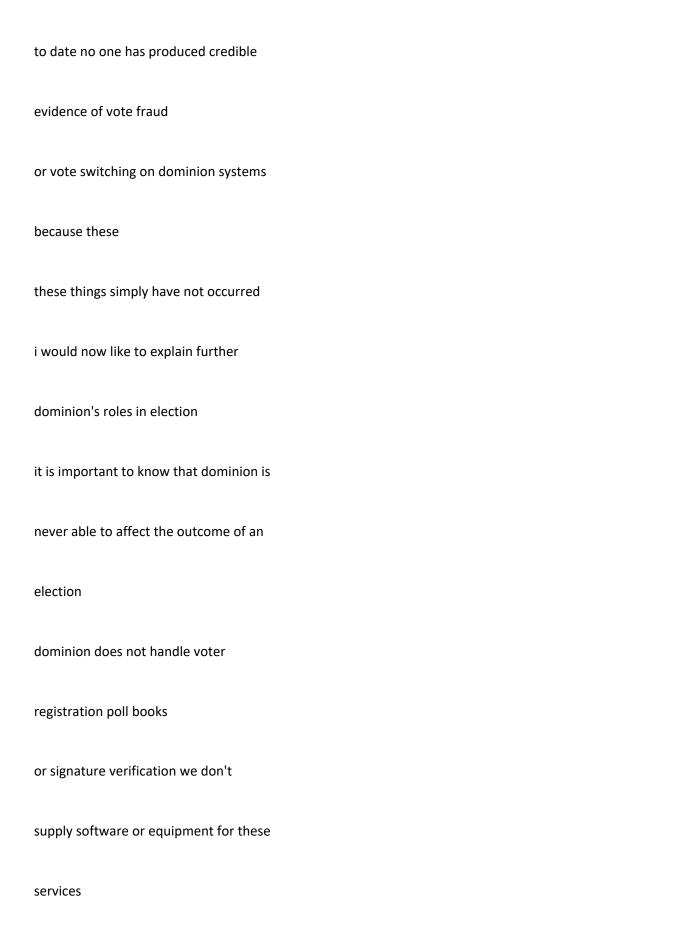


the other event about our history that
many are wrongfully conflating as proof
of a relationship between dominion and
smartmatic
involves the assets that dominion
purchased from sequoia voting systems
in two thousand and ten let me be clear
on this
we didn't purchase anything from
smartmatic
sequoia's voting history went back over
a hundred years
in various different names and had
dozens of different overs through those
years

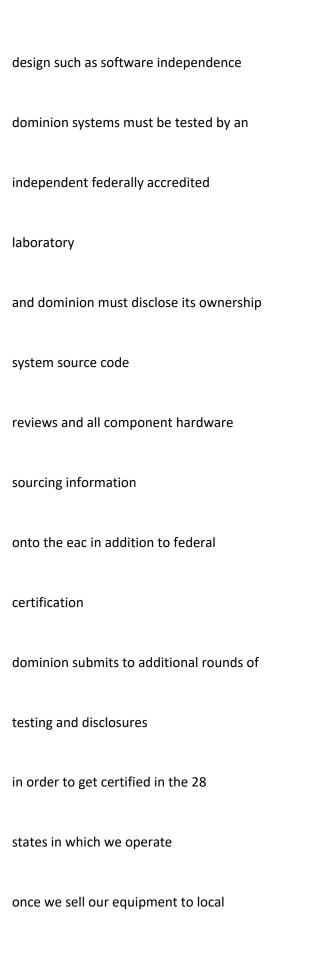
including for a brief time smartmatic who i believe owned sequoia between 2005 and 2007 when they fully divested in 2007 it is my understanding that they documented to syphias that the fact that they had no ongoing control in sequoia at no point did we at dominion acquire smartmatic source code or ip nor do any of our customers use any of their intellectual property in our systems i will not be commenting today on



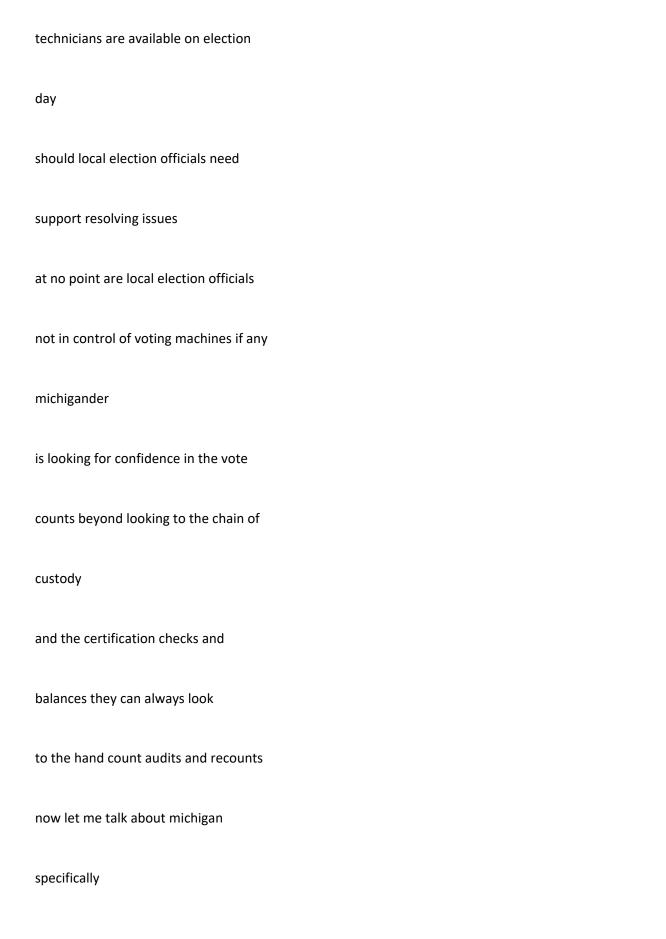
the safety of our employees
but i will say this no dominion employee
has given me any reason to suspect that
they have
or would do anything to try to alter an
election outcome
but what's even more important for you
to know is that it would not be possible
for them to do so
these falsehoods i've just listed are
only a sampling of the most egregious
lies
the disinformation campaign being waged
against dominion defies facts or logic

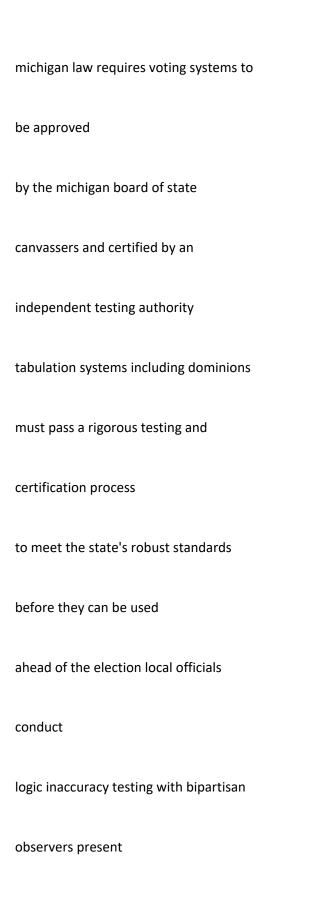


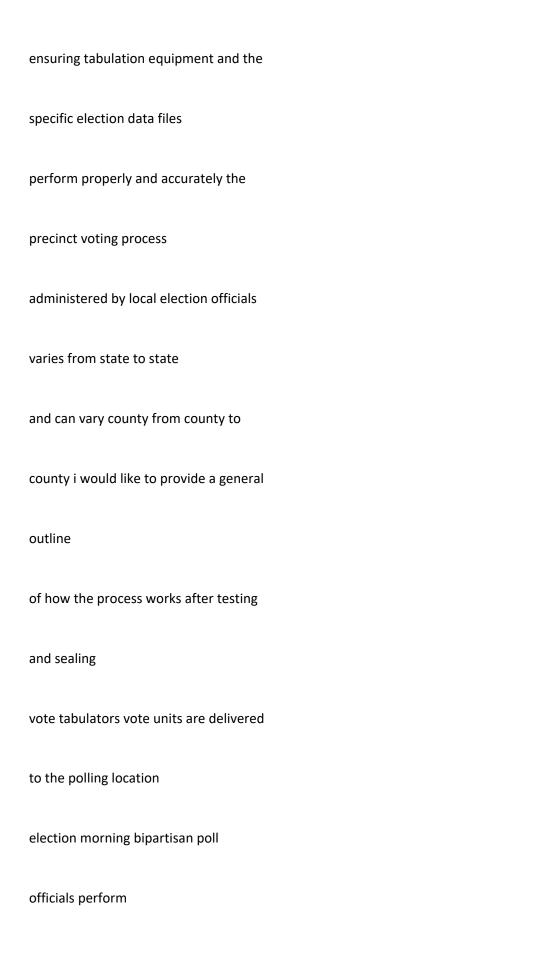
we don't provide vote by mail services and we don't control or secure voters paper ballots we have we have no role in verifying the eligibility of voters these are the jobs of bipartisan poll workers and local election officials long before election day before we sell our equipment our voting systems undergo an accreditation process run by the eac the process involves compliance with all voluntary voter system guidelines including standards for secure software

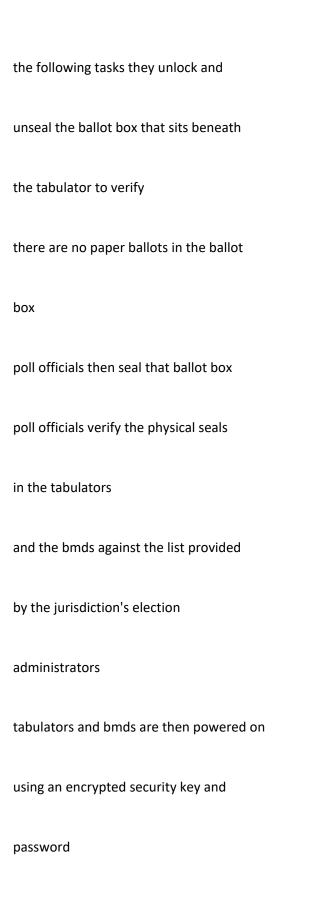


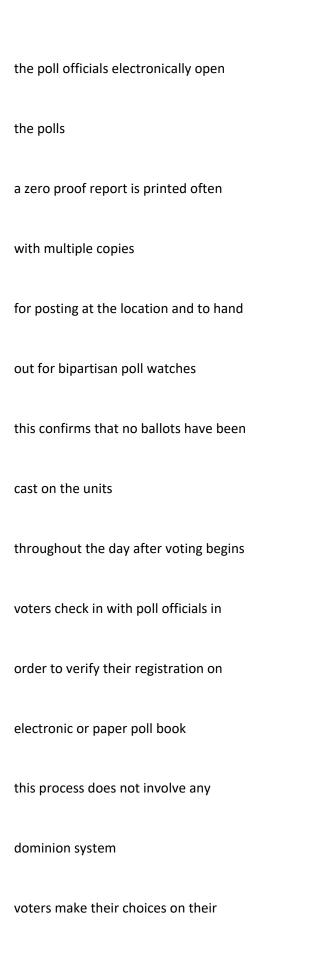
officials
the machines are under their control in
many circumstances
source code is delivered by hand by
state certification officials
officials keep rigorous chain of custody
logs
this is how election officials ensure
that equipment
is not tampered with what's more our
systems require a paper ballot that is
always in the custody of the local
election officials
need while we do ensure trained



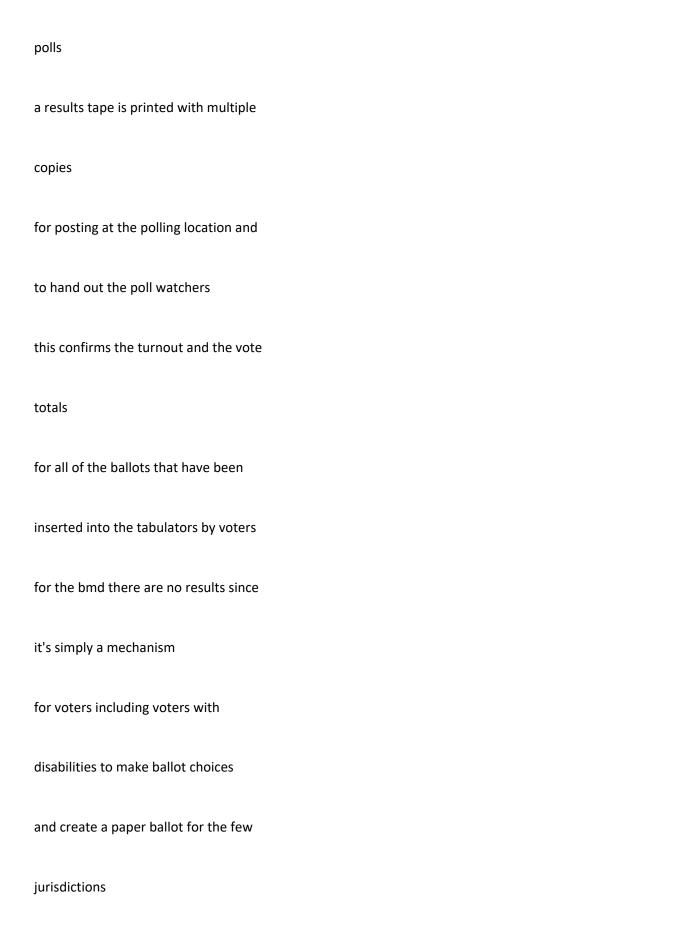


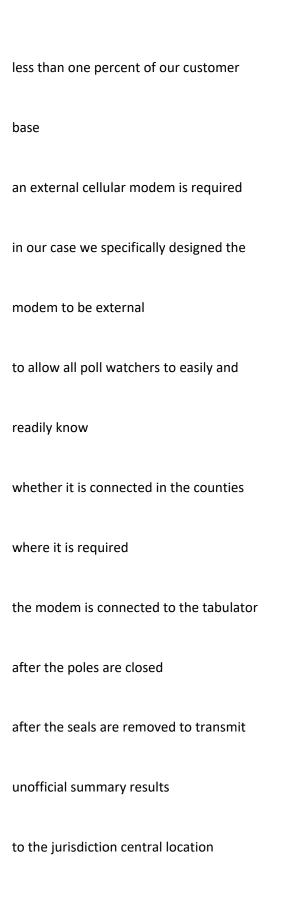






ballot either through hand marking or via an electronic bmd device which simply generates a voter a made paper ballot voters then review their paper ballots and carefully look at their choices and insert those paper ballots into the tabulator which sits atop the physically secured and sealed ballot box at the close of voting poll officials perform the following tasks using an encrypted security key and password poll officials electronically close the

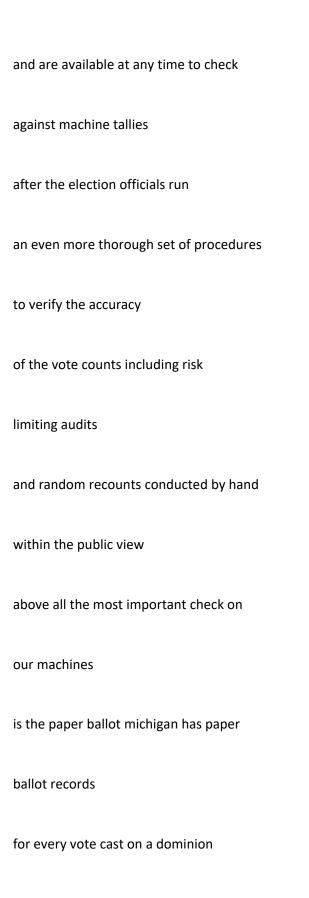


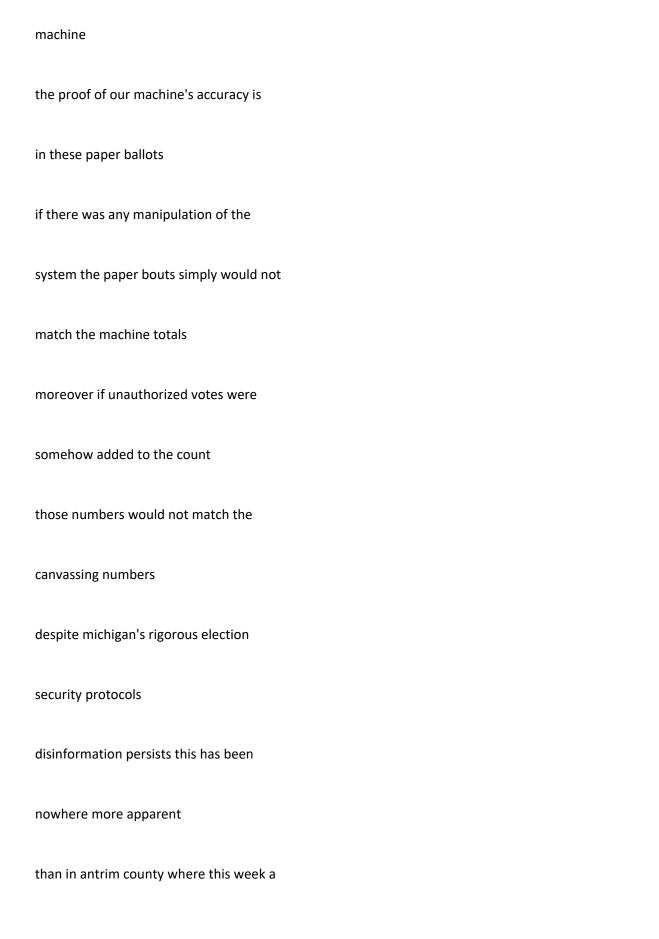


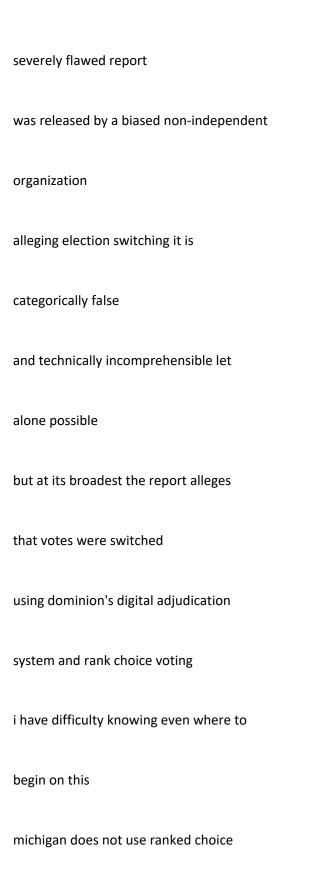
upon completion of that transmission the external modem is removed the ballot box is then unsealed and unlocked and the paper ballots are removed from the ballot box and manually accounted for by poll officials including reconciliation with the poll book voter numbers the seal is removed from the dork and removable memory device the removable memory device together with a copy of the results tape and the paper ballots are sealed in a transport container that transport container is transported

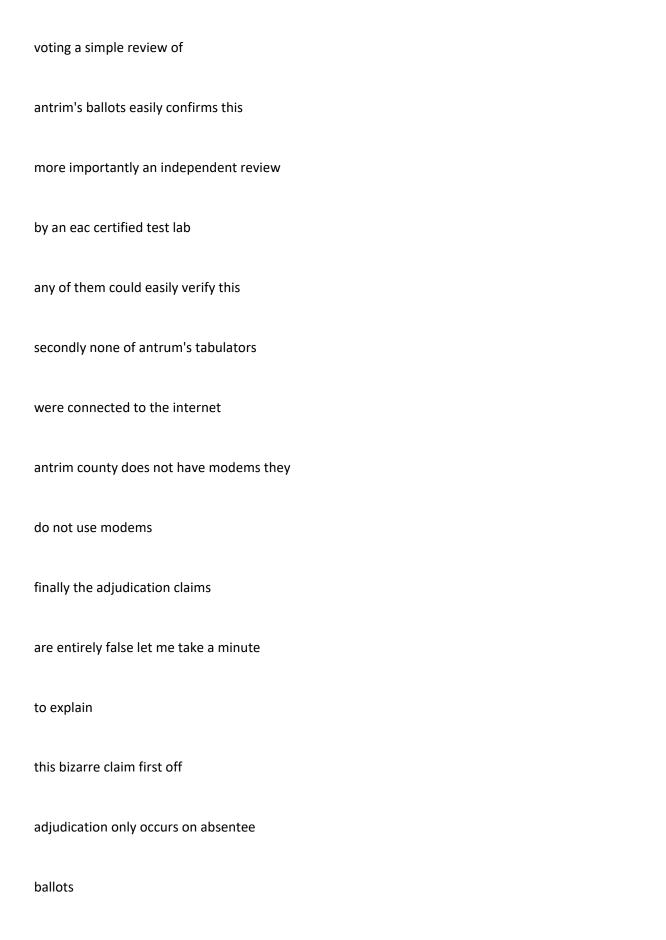
securely by poll officials sometimes accompanied by sheriffs to the jurisdiction's central location as a reminder none of these actions are performed by dominion employees election administrators at the jurisdiction central location will accumulate the electronic results regardless of whether they have been unofficially transmitted through modem or not from the tabulators removable memory devices accumulation occurs on a closed network computer system

election night unofficial reports will be generated by the election officials and canvas process begins to reconcile all election data and in particular ballot counts and the voter registration poll book numbers indicating how many voters were processed and how many ballots were counted after canvas the jurisdiction certifies the election to the state again throughout this period the actual paper ballots created by voters are locked and stored under the complete control of local election officials

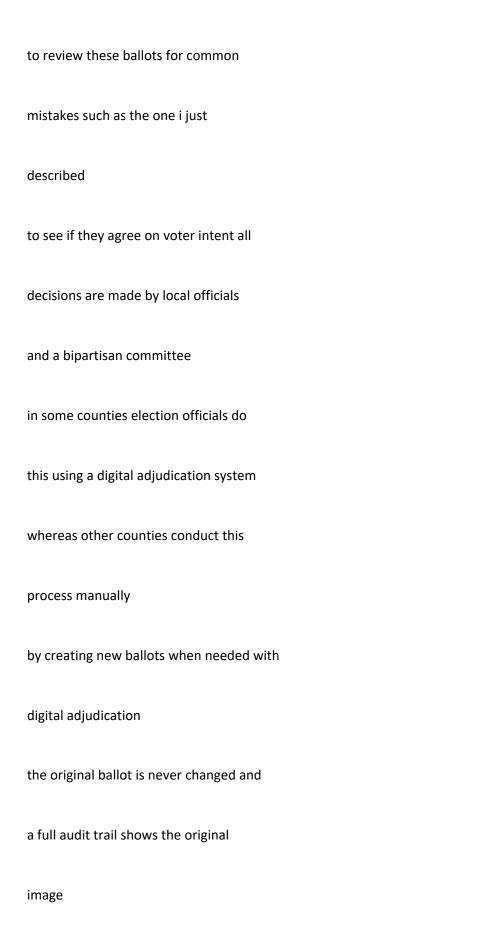


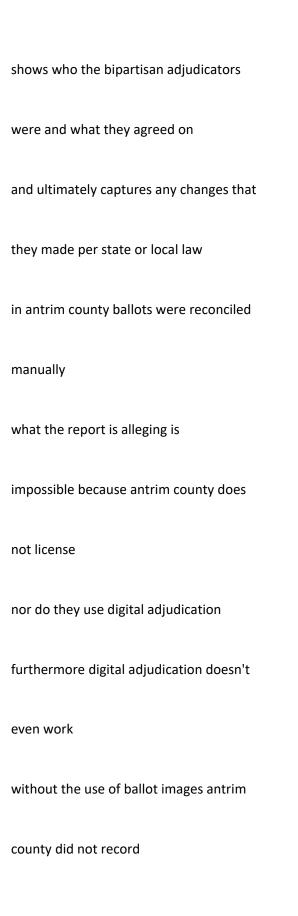


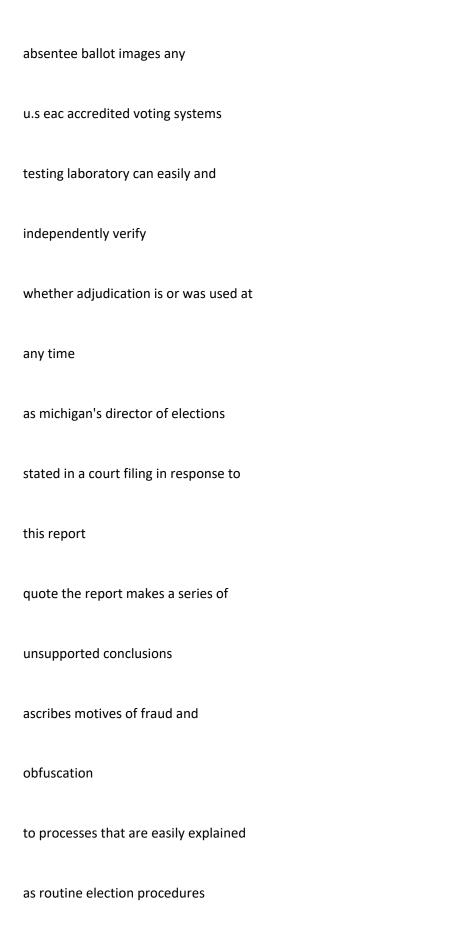


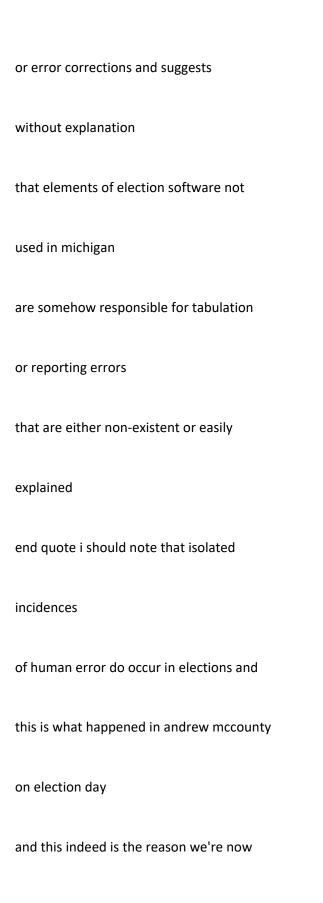


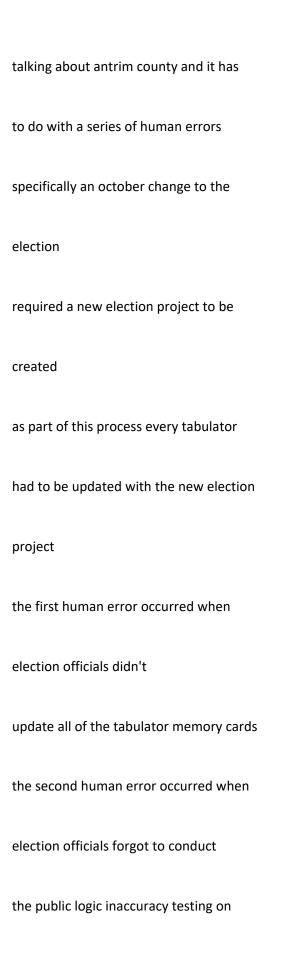
and only in states that require it a voter making a mistake on an absentee ballot is an age-old problem a common mistake is when a voter fills in the wrong oval and then tries to correct it by filling in another oval and drawing an \boldsymbol{x} or a scribble through the first this is what election experts call an overvote in some states it's it's considered exactly that and no vote is counted however in some states like michigan bipartisan review committees are asked

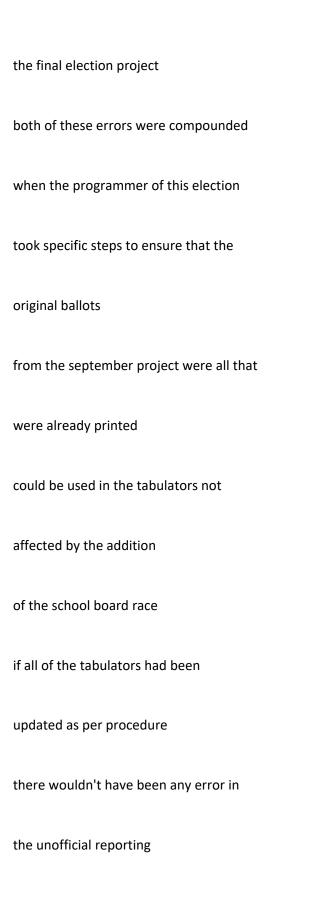


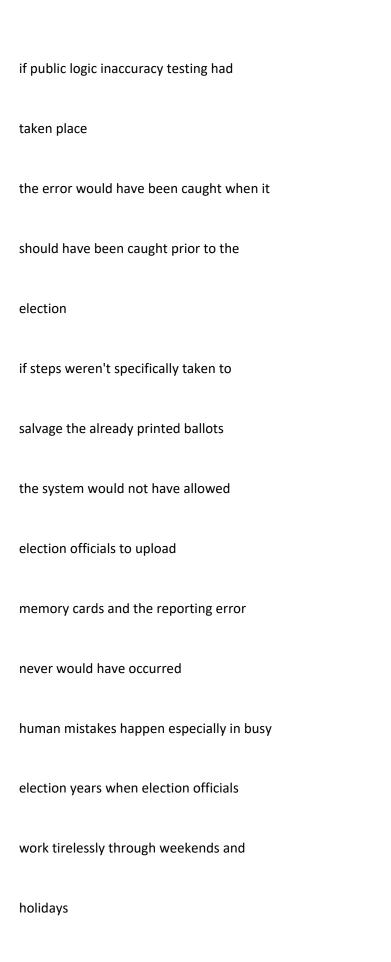




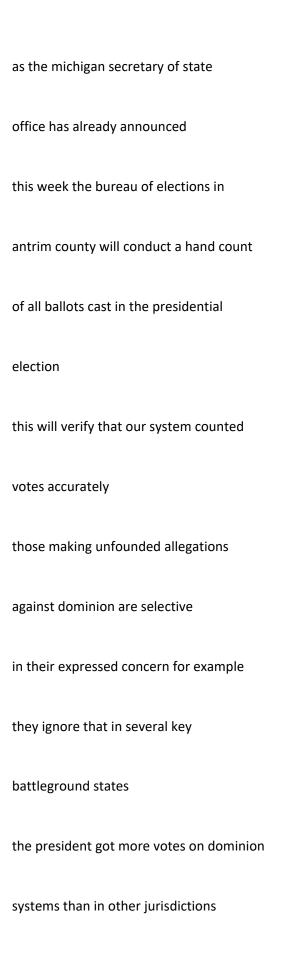


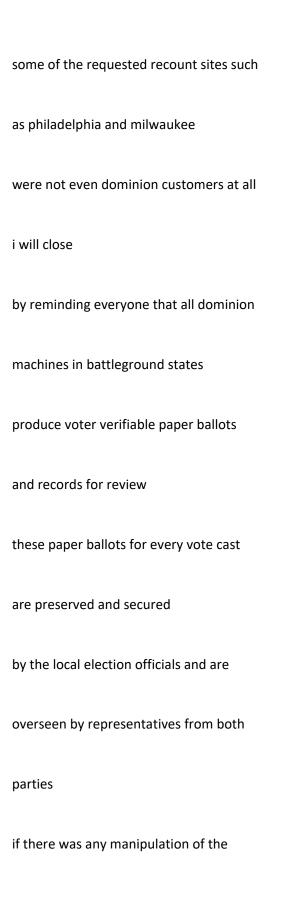




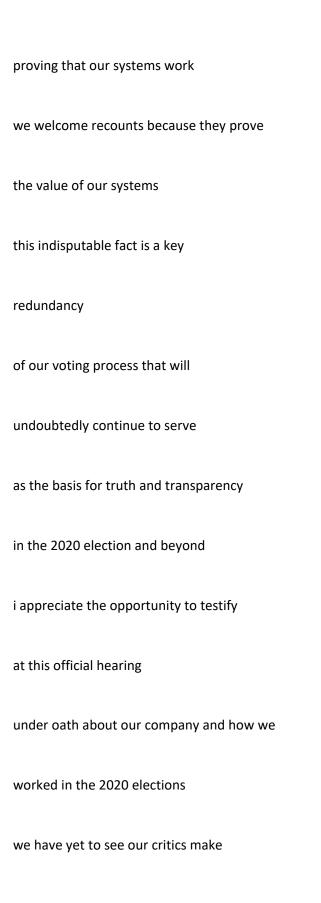


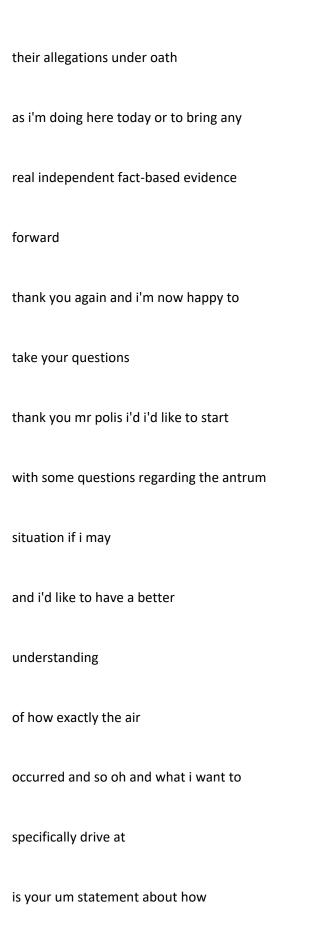
for months on end which is even more
difficult in small counties where there
is a lack of dedicated election staff
this year in particular with the
difficulties compounded by the pandemic
this is exactly why canvas procedures
exist
which of course where this error was
quickly identified
and corrected
because our systems in michigan use
paper ballots the accuracy of the
tabulation machines can be proven by
hand counts and audits

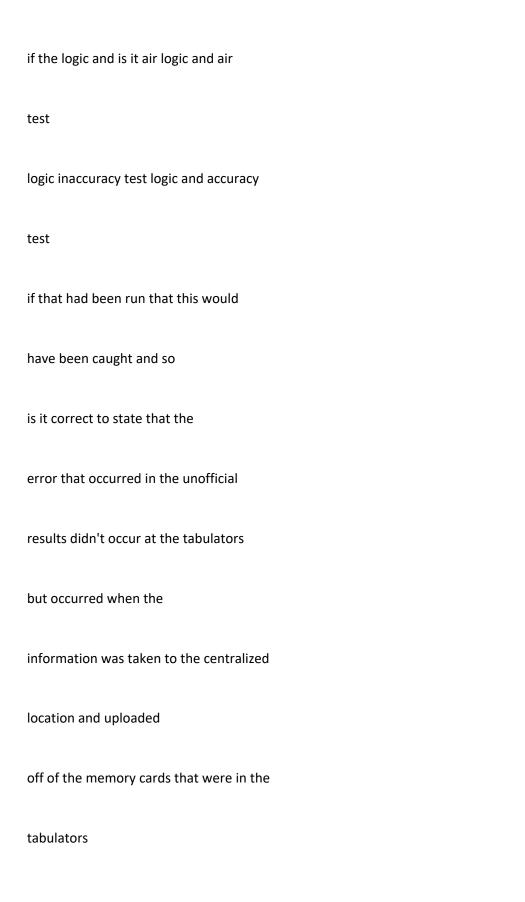


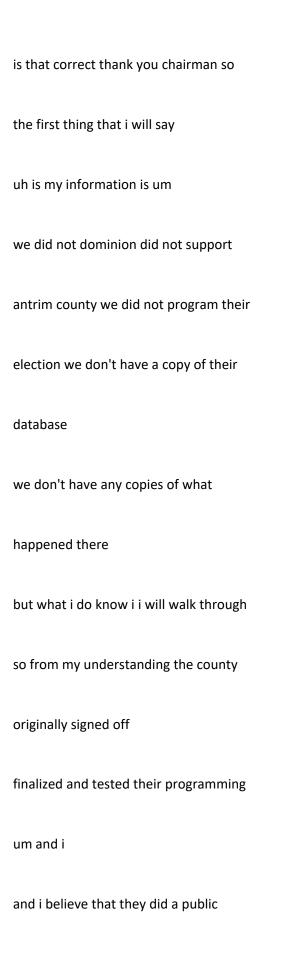


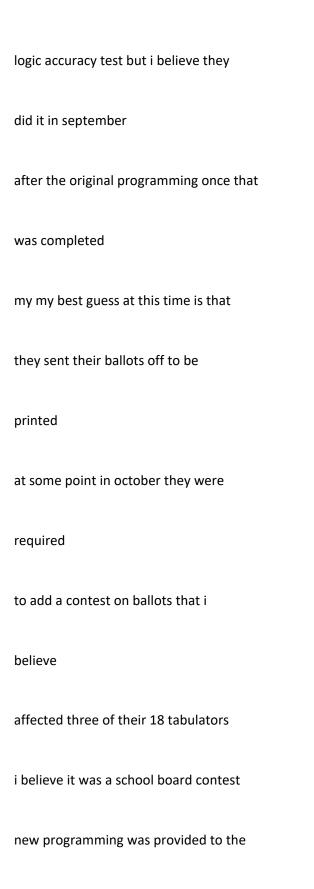
system the paper ballots would not match the machine totals moreover if unauthorized votes were somehow added to the count those numbers would not match the canvassing numbers as one example the recent hand count in georgia of 5 million votes matched our voting machines tallied perfectly showing that our machines counted accurately i was asked recently what i thought about the georgia hand count and my reaction is always one of enthusiasm a hand count is the most certain way of

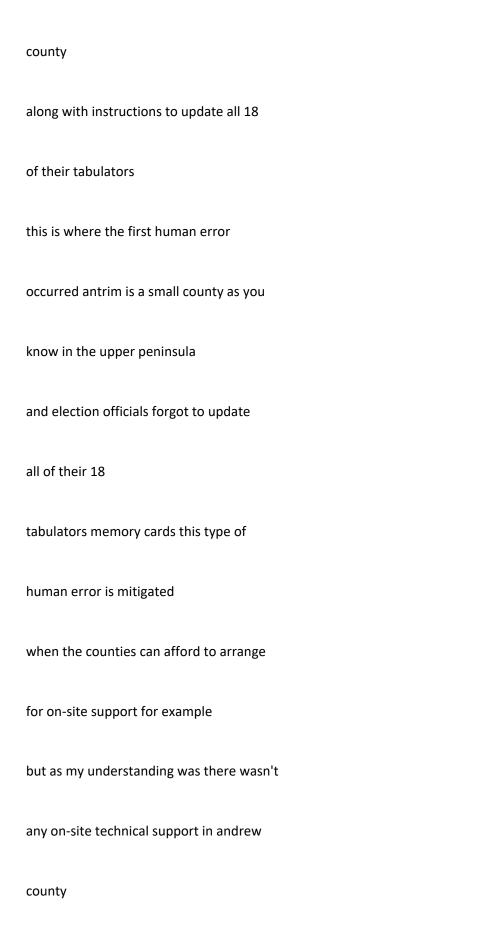


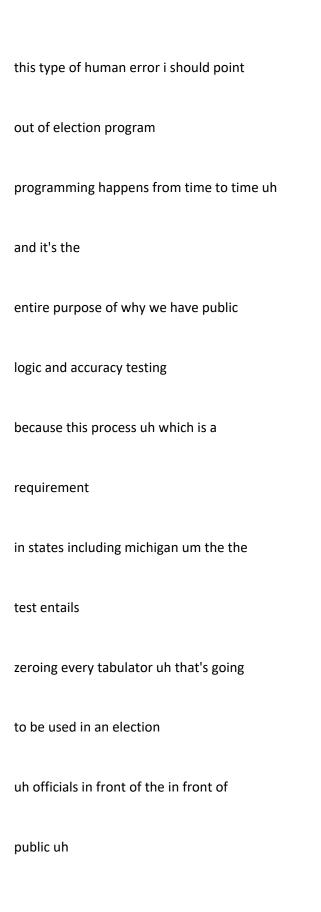


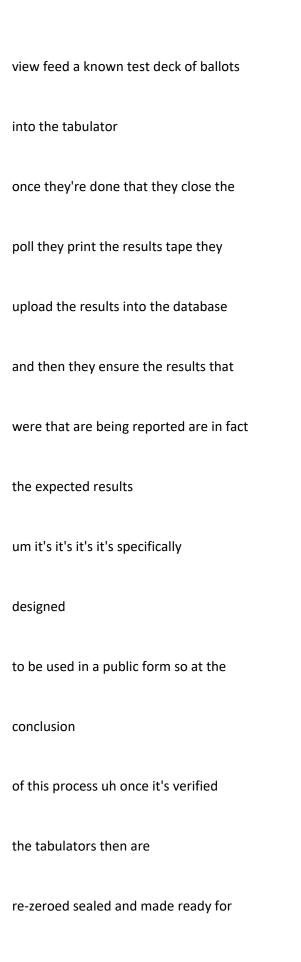


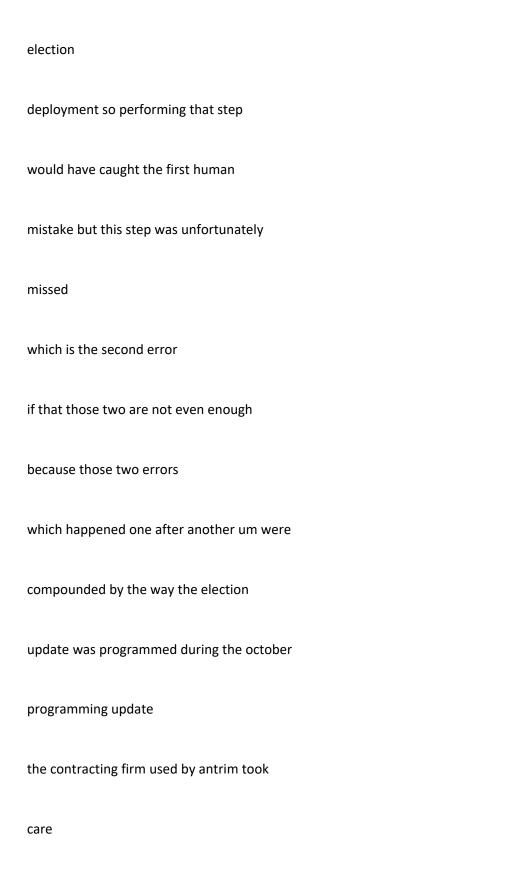


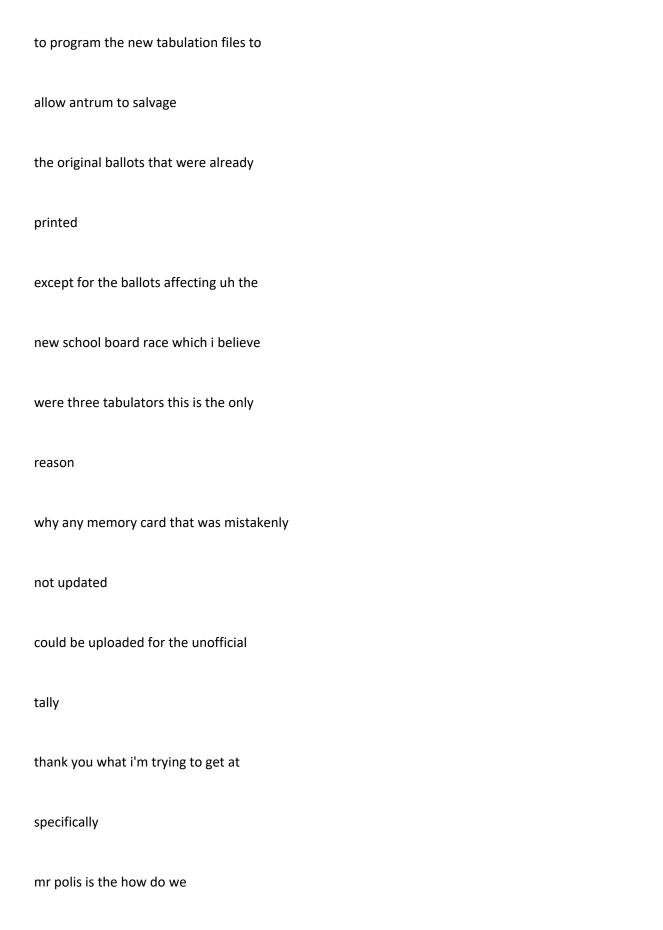




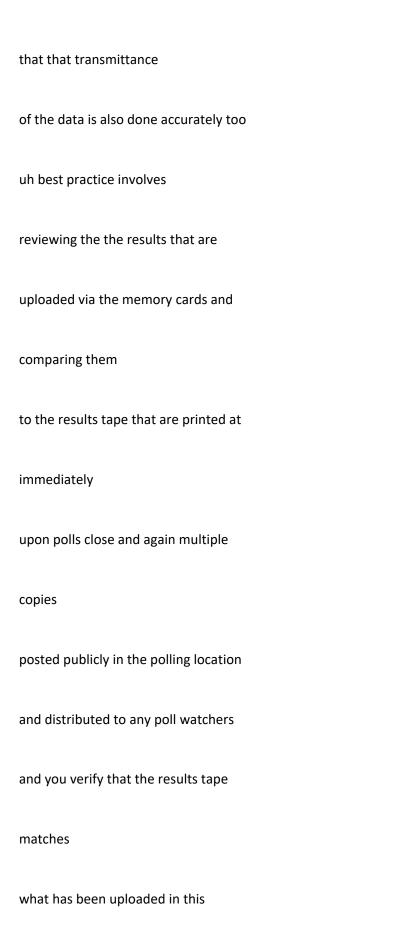


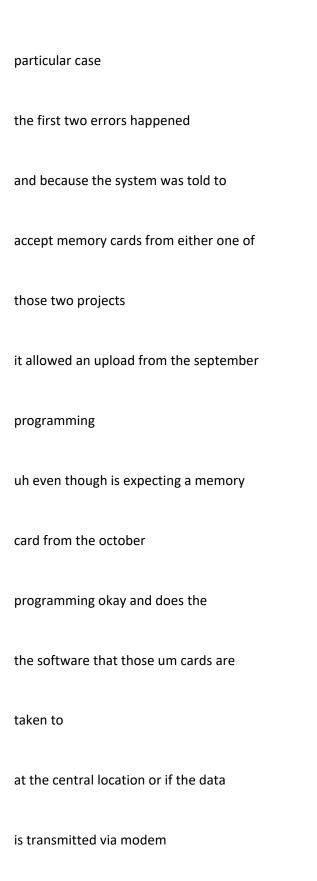


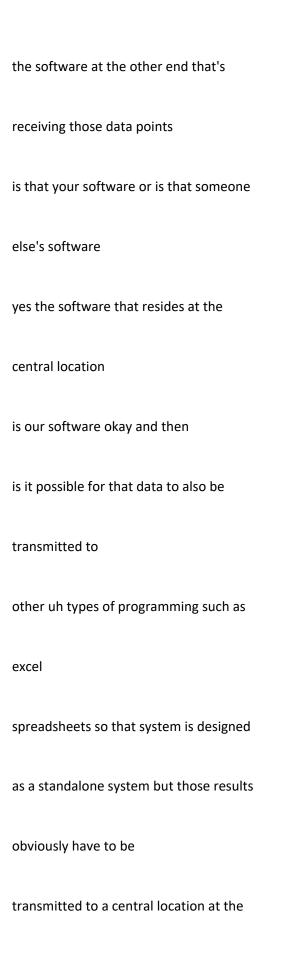


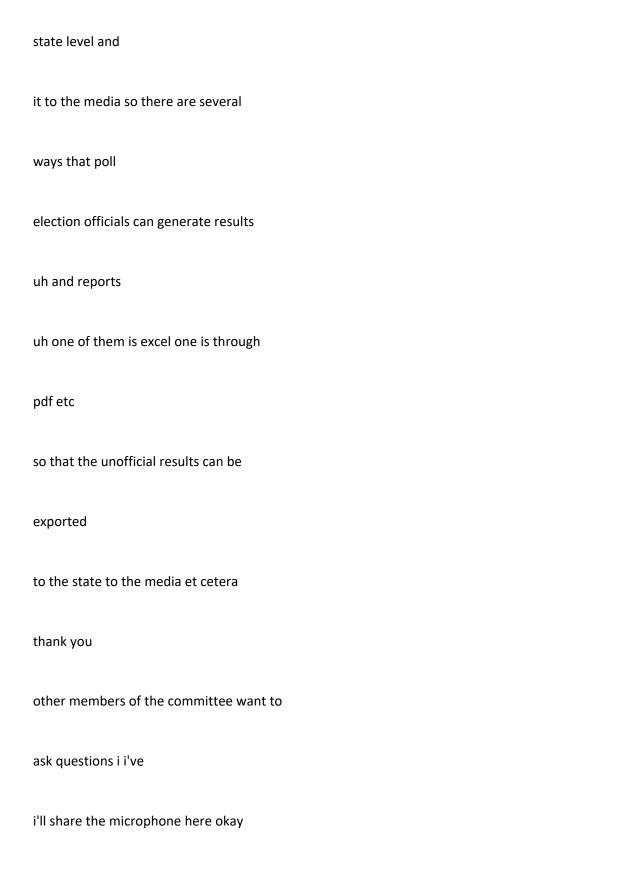


verify whether the mistake is made in the programming at the tabulator versus at where the memory cards are taken to and so because and tell me during the logic and accuracy is that done i mean i know you run the stack of ballots through and then you print a slip up on the tabulator to make sure that it accurately counted the ballots but is there a time then when the results are taken from the tabulator to the central location to make sure

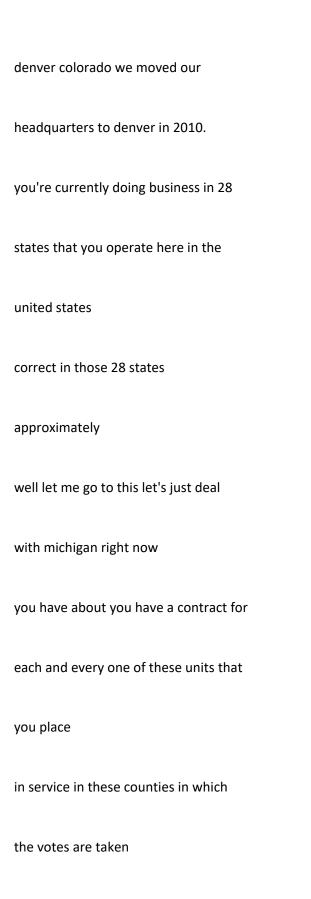


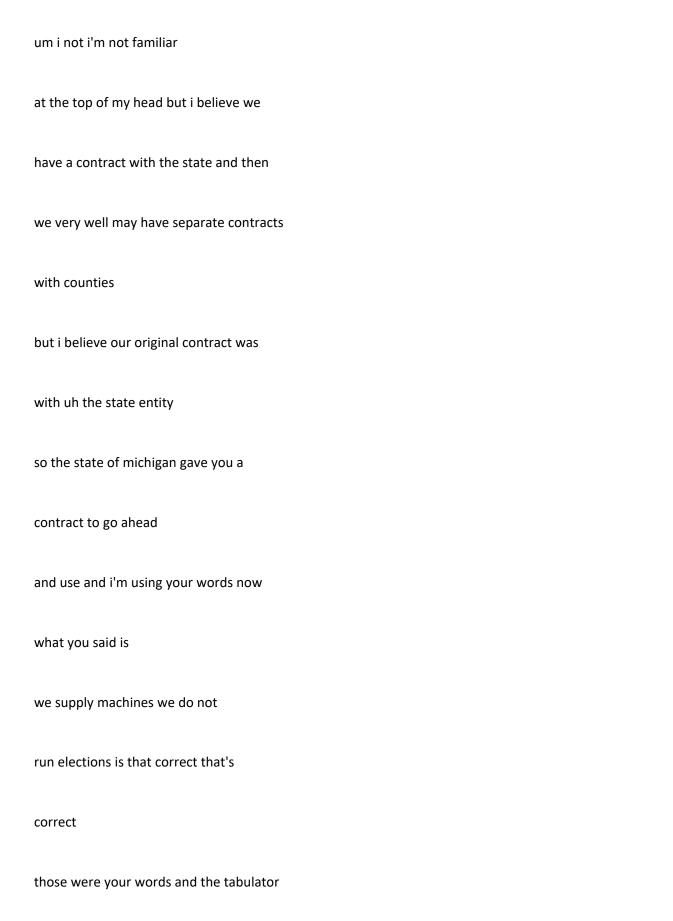


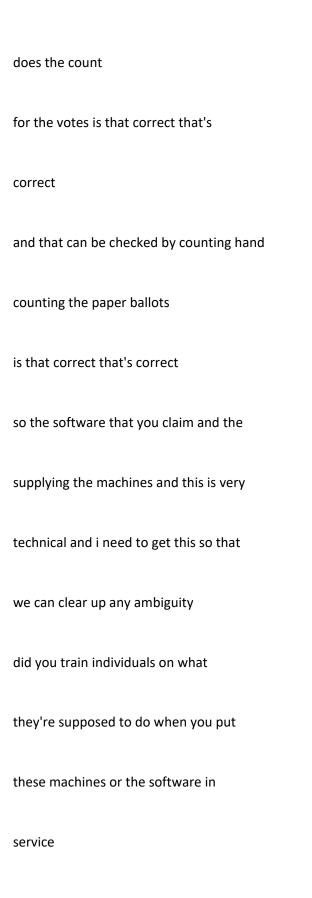


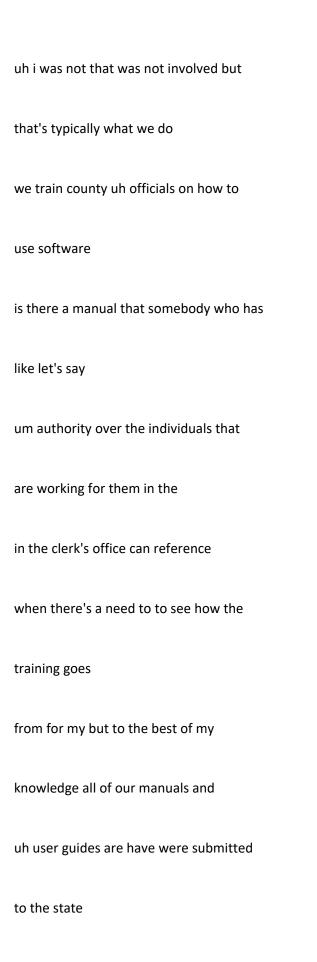


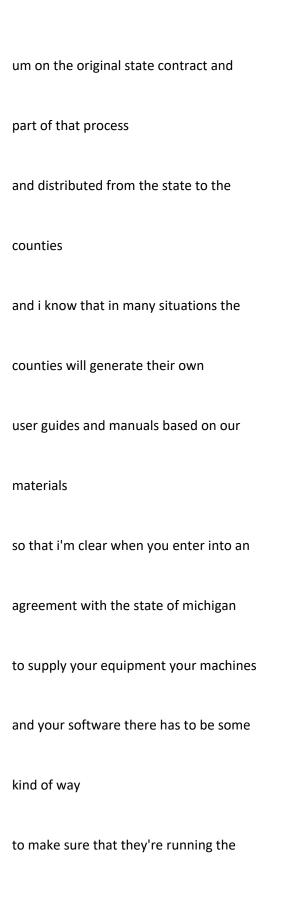
vice chair lucito please thank you mr chairman thank you mr paulus you're the are you still ceo of dominion i am and dominion stands for what is this just a name you gave it or is there any uh which doesn't stand for anything it's just the name okay dominion voting services has been around 18 years 2002 you opened up in toronto canada uh we were formally incorporated in january 2003 in toronto canada you stood there for a couple years and then moved the operations to

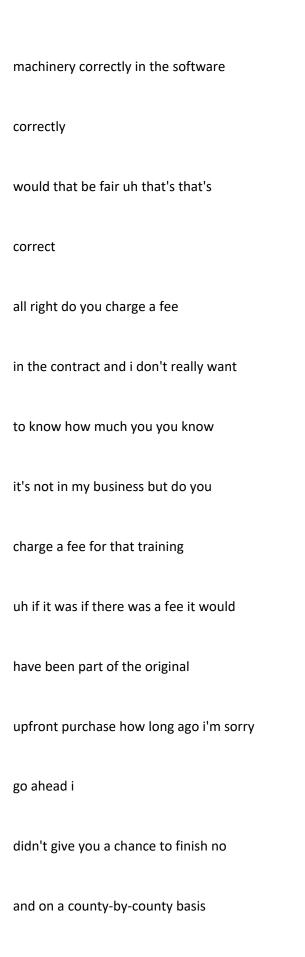




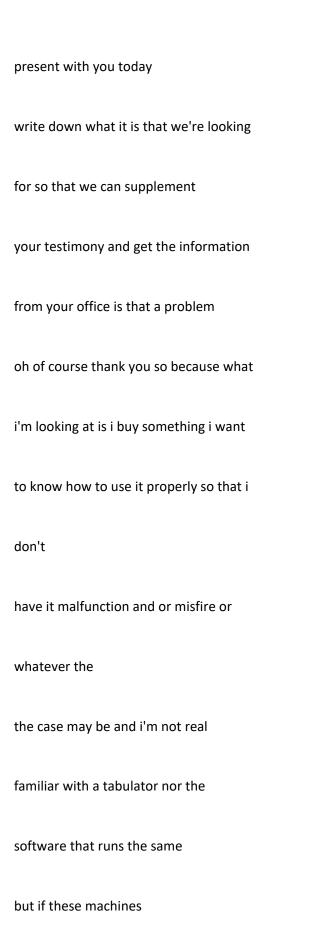






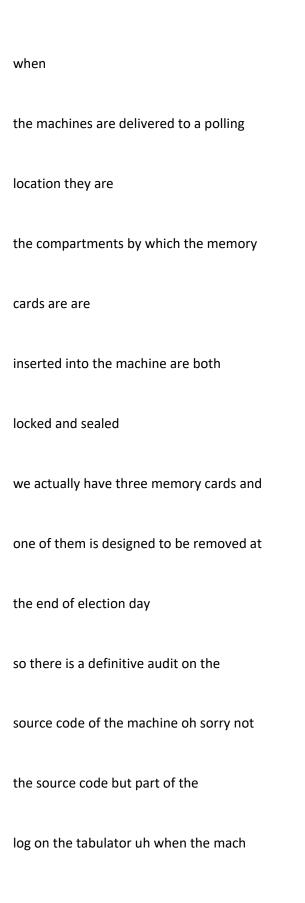


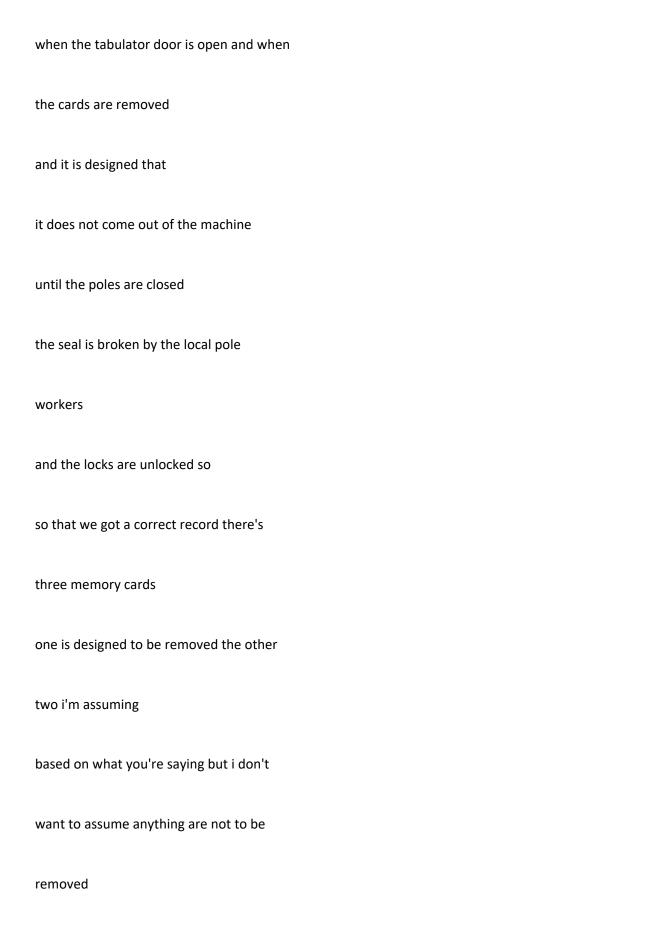
um counties are free um to make their own determination sometimes they get they get supplemental training either from state officials sometimes they get supplemental training as the need presents itself to the counties that's not really something i'm expert on i understand and i only want to limit your testimony to what you know if you don't know i'd like you to mr chairman through the chair i would like you to give us a at least to have your lawyer who's there



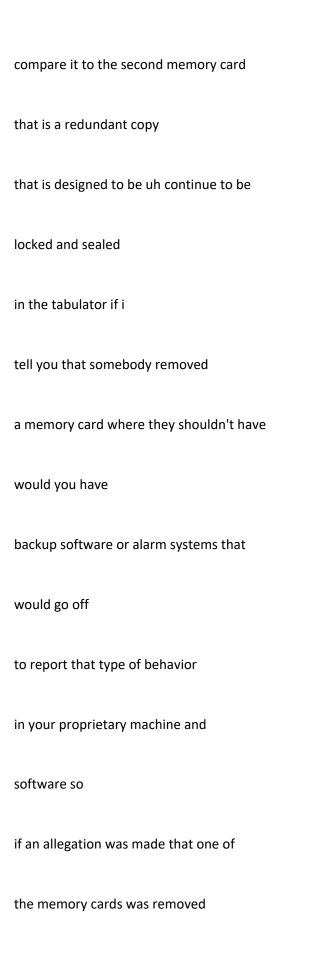
that are supplied to the counties to go ahead and make or or to the communities that are doing these tabulations of the votes that software is unique to that machine it's proprietary right uh the software that resides on our tabulators is proprietary and that is that is that once we certify at the federal level that's when we lose control of the software it is transmitted from uh the independent um certification agencies to the counties and then it

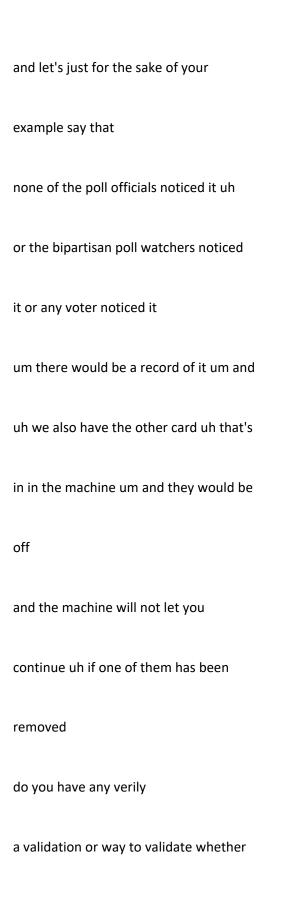
transfers into the county's chain of custody is the memory cards that you put into the machinery is that locked down that the memory card can't be manipulated and or distorted right so so if i if i wanted to get the memory card out of the machine would that get if if we had to remove a memory card from the machine could that be possible sure you'd have to break the seal during the election i'm assuming you're asking during the election uh during the election correct yeah so um so as i stated when you when







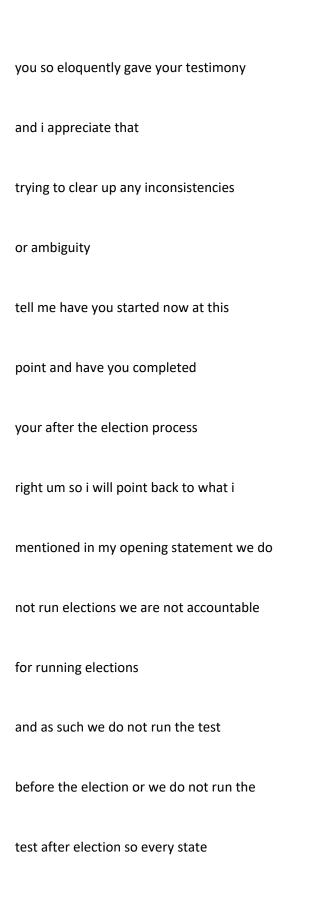




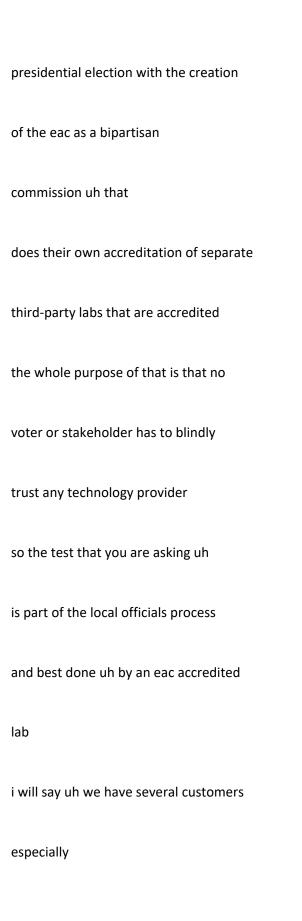
memory card was removed from these machines have you started your validation i know that there was three i was reading some stuff and it says that you do something before the election process either your company or the clerk doing during the election process or something done regarding and then after the election process have you guys started uh your company started to do an after election audit as to what happened and

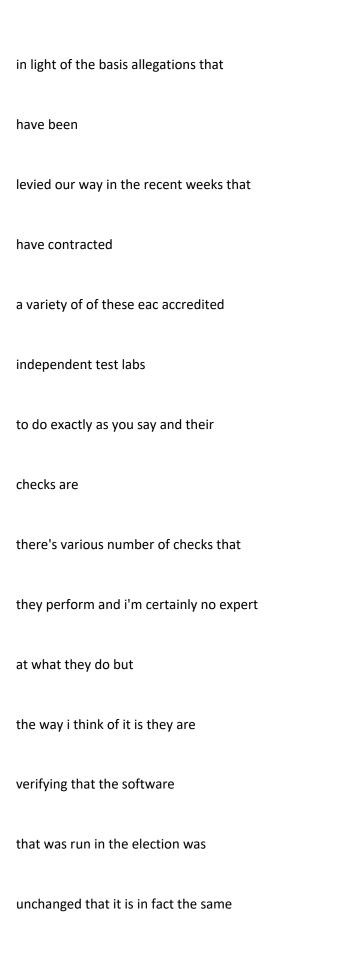
look into what these allegations because

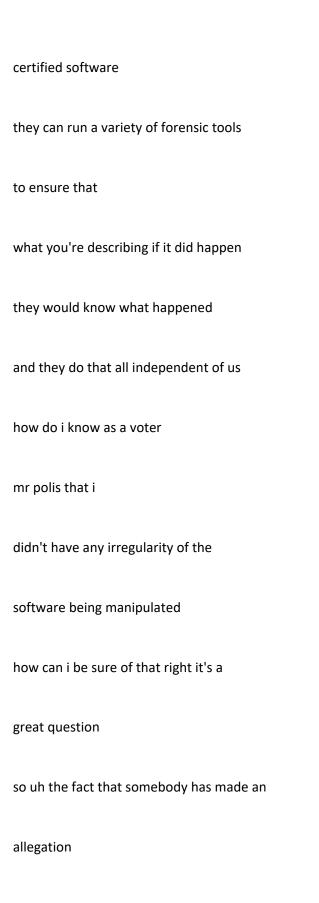
a card

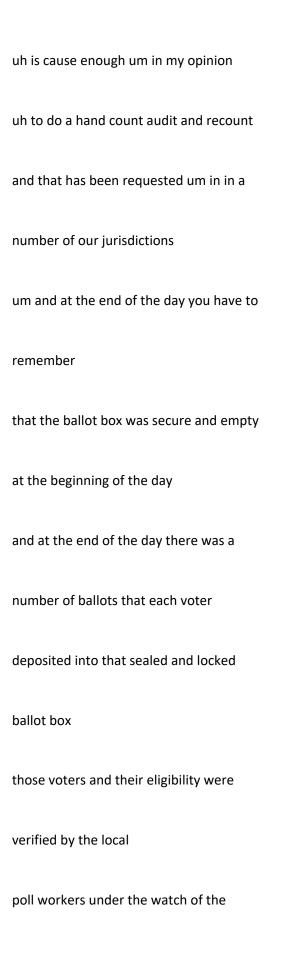


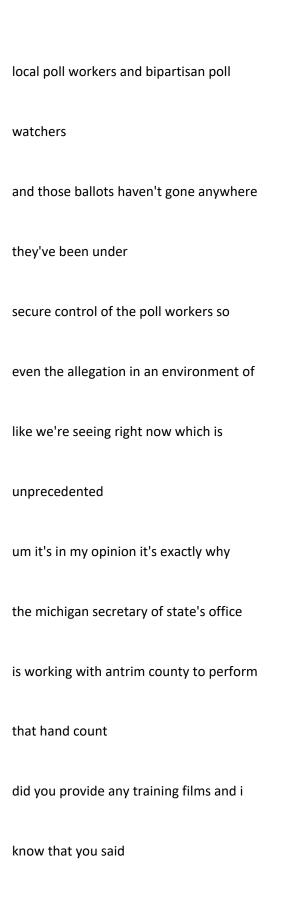
has its own local rules and quite often there will be a public logic inaccuracy test done before the election many jurisdictions will repeat that test after after canvas is completed and they will do a logic inaccuracy test post-election and then some some jurisdictions take it a step further and do exactly what you are talking about but they don't contract with us to do it the whole idea is that we shouldn't be the ones doing it the federal system that was put in place after the 2000

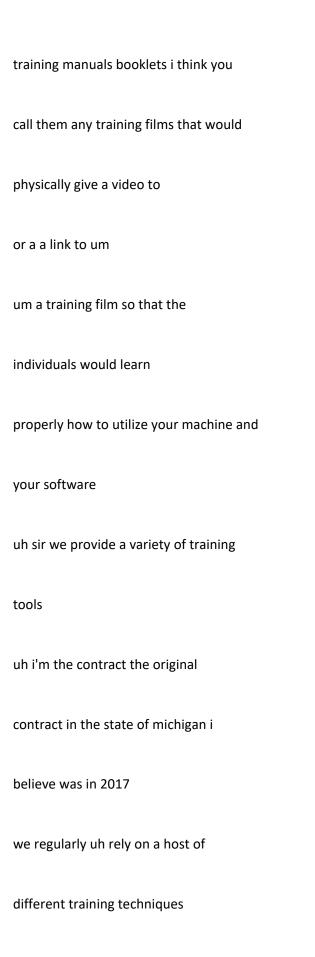




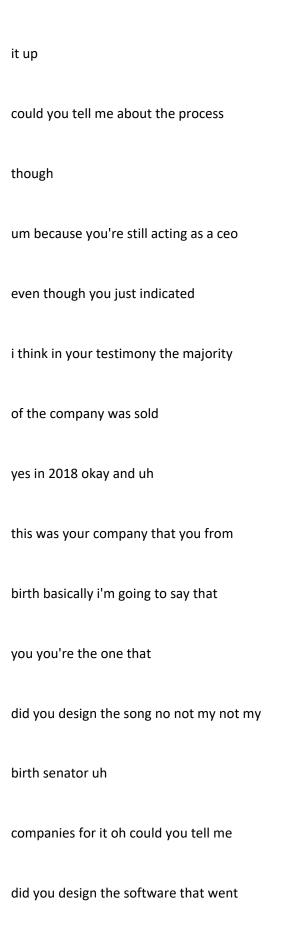


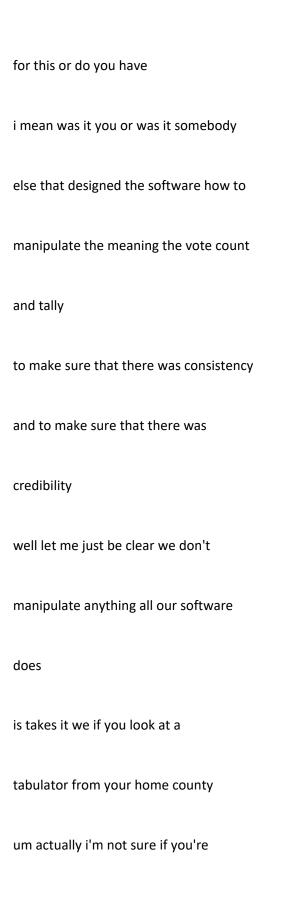


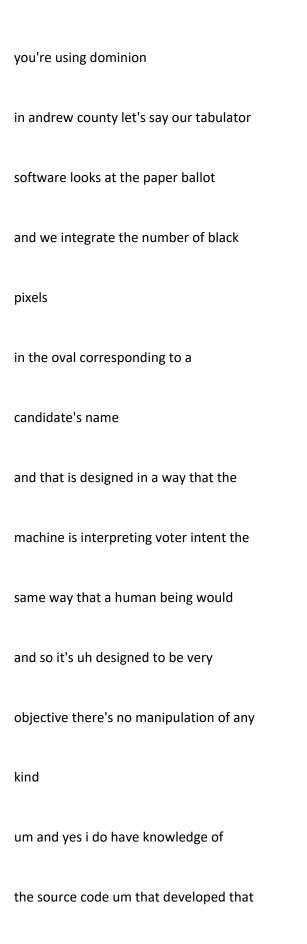




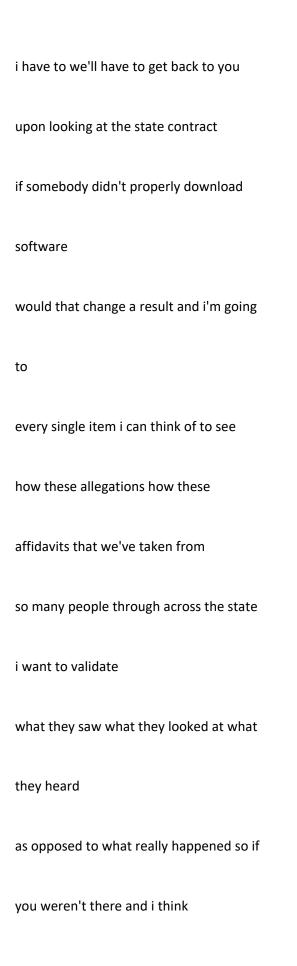
um and design it uh in collaboration uh with the with with a with the end customer it be it the county or state so that would have been what secretary of state jocelyn benson that would have been the one you would have contracted with um she was the secretary of state in 2017. i i i don't recall who i think it's 2017 is that was she no sorry to interrupt you mr vice chair but joslyn benson's turn began in 19. 19 yes okay 2019 the chair cleared





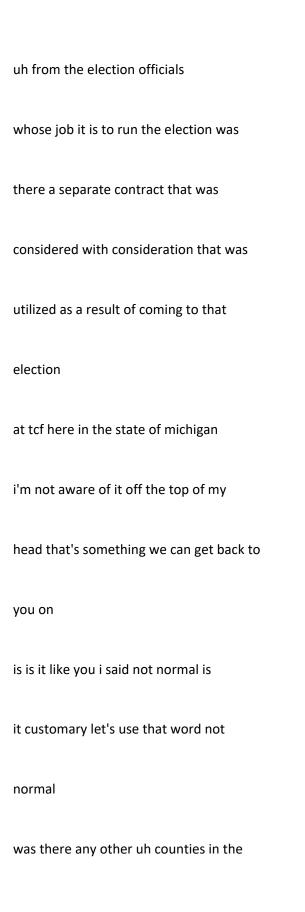


the warranty and i use the word warranty
i don't know other another word maybe
you can help me about post elections
to to ensure the security and the trust
of the election
is there some kind of warranty that goes
with that for the state when they
purchase this unit
and software that it's going to act
and software that it's going to act
and software that it's going to act in a manner consistent with you
and software that it's going to act in a manner consistent with you uh your your your statements as we as



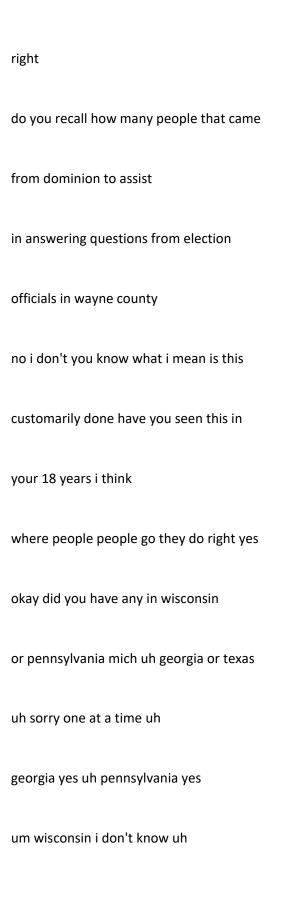
there was representatives of dominion
at like this tcf center was there not
is that standard and a customary in the
industry
of your machinery being placed in the
service to have people from
dominion there the night of the election
uh so you senator you mentioned a few
things
first of all in terms of the affidavits
and
any pertaining to the accuracy of the
tabulation
i am not aware of any that have been

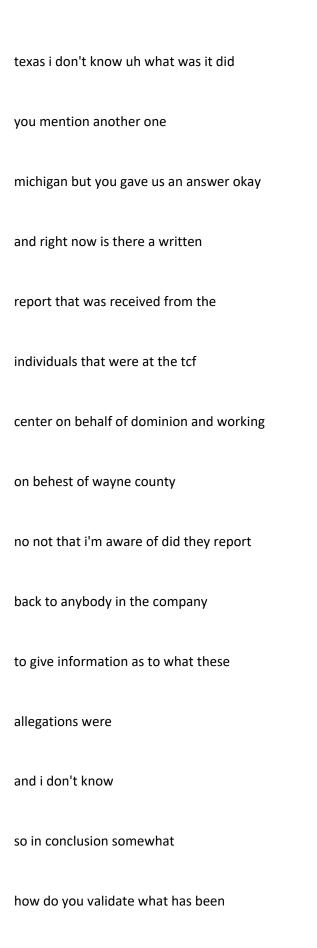
found to be credible certainly none that i've seen and i don't know of any uh judge that have found any of those allegations credible with specific regards to whether or not it's normal to have uh on-site technical support from tech the tabulation companies um it it it depends uh it's at the sole discretion of the county and in the case of the tcf center we did have on-site technical support there they are not part of running the election and they are expressly there to answer any questions



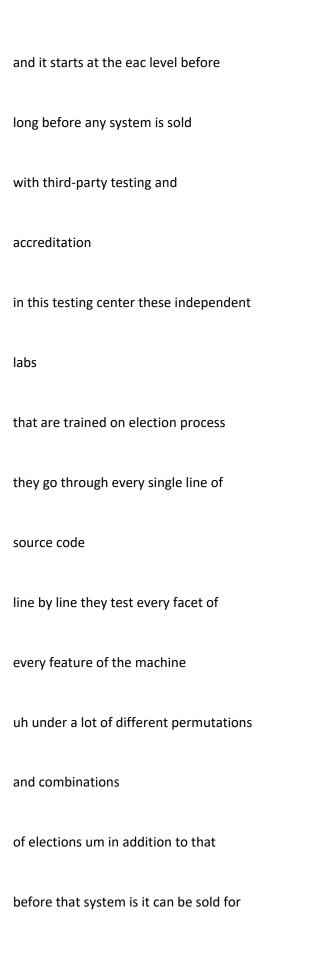
other than wayne that had assistance
through dominion being there
meaning do you recall based on michigan
has been spotlighted and shown
throughout the country
do you recall of any other county of the
83 companies in the state
i don't know i don't think so okay so
the only one that you do recall is that
there was support staff there from
dominion correct
in wayne county correct and the only i
think so as i said i
i don't know senator um but that sounds

state



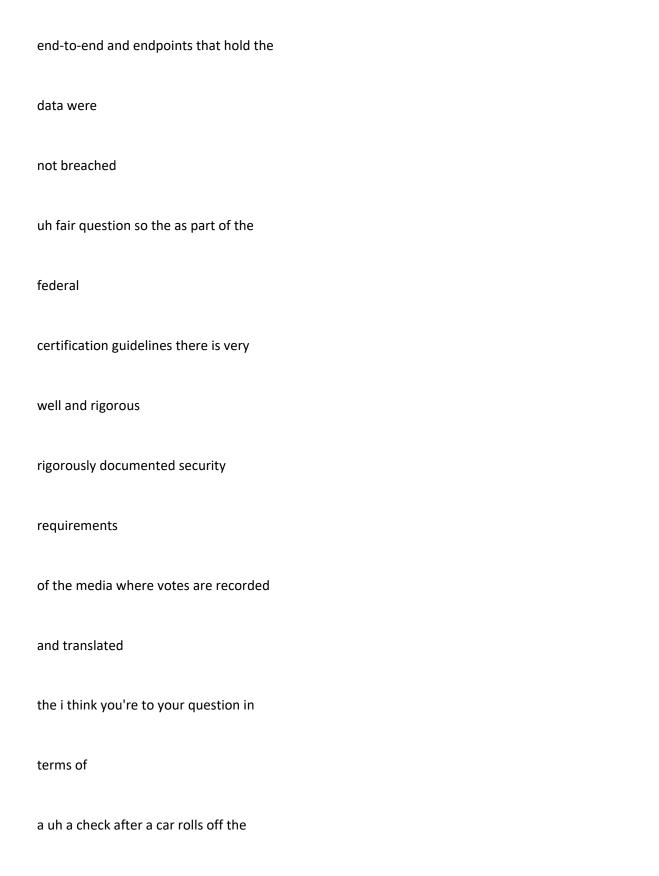


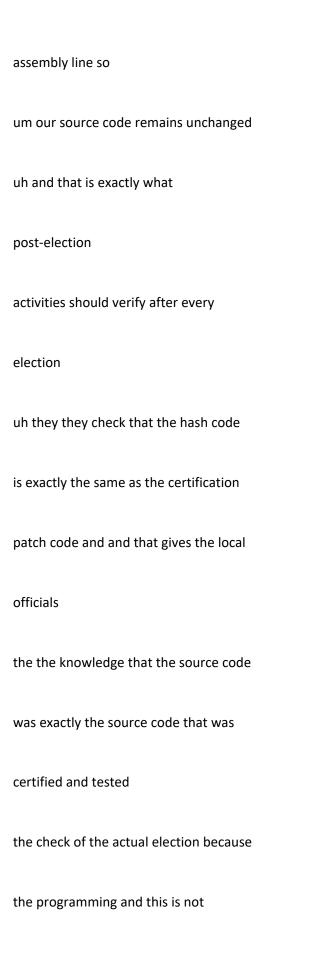
tabulated
if there's no system in place that you
can run
or if there's no software that validates
it other than hand count
is there any other way to avoid a hand
count
from the software and the hardware that
you put in service
to validate this is the vote
this is true accurate representation of
the vote
um well first off there is a very well
documented system

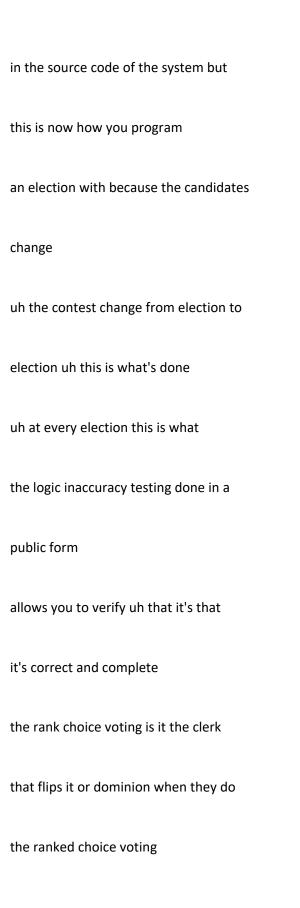


example in the state of michigan it gets certified after a federal certification once again by the uh state authorities in michigan uh so to say that there's not a weld document there's a very well documented system that is extremely accurate i appreciate accuracy wait a minute i guess i'm asking something else even though they have like they do like automobiles they go through a check test like they check everything check the boxes but if we want like

access control
only authorized individuals are running
the machine and i understand what you
said
we don't run elections encrypted
end to end so that no one can manipulate
the data
and end points that hold the data that
those
endpoints weren't breached could you be
specific
on what systems do you have on your
software
that can ensure that access control
encryption



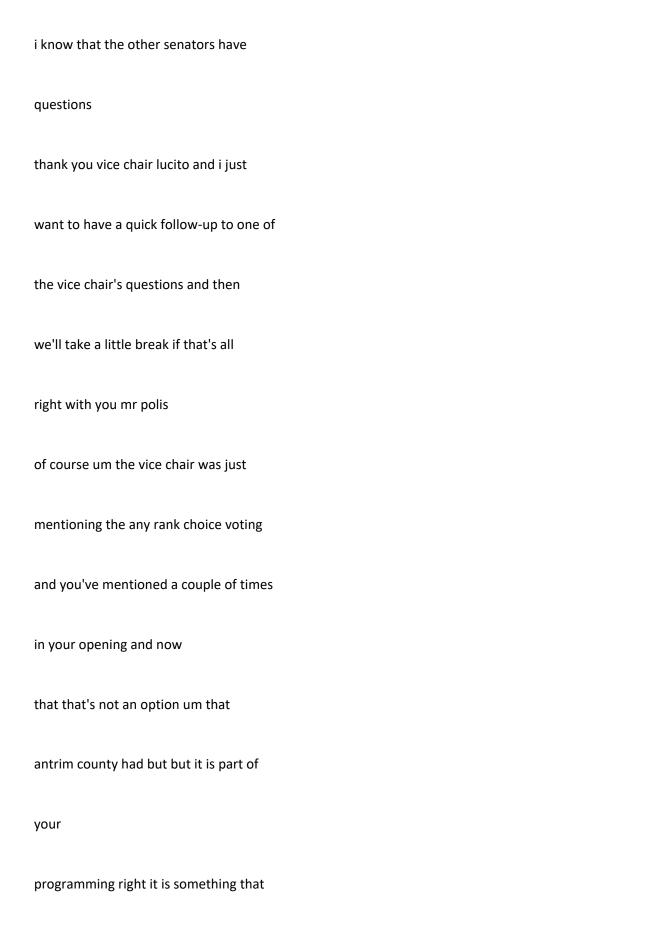


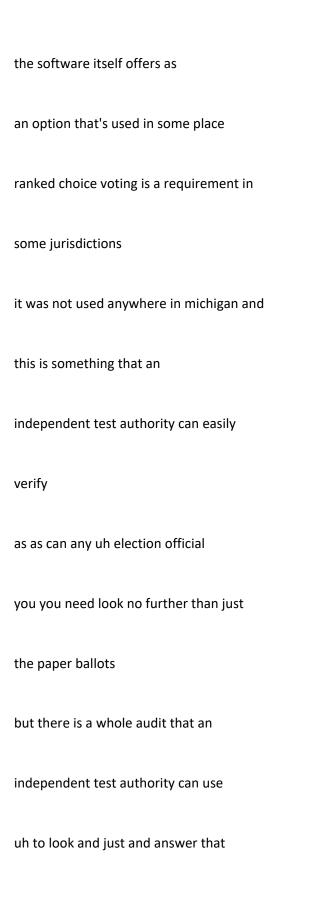


there's no flipping of any votes at any time on any system ranked choice voting is something completely different that was not used in michigan okay then the last one then is the post-election activity should be verified that was your statement what post-election activity should be verified in our state uh i uh my personal recommendation yes and which i've seen work in other states is an authorized independent test authority accredited by the eac uh should be doing exactly what

mr chairman i'll probably have some

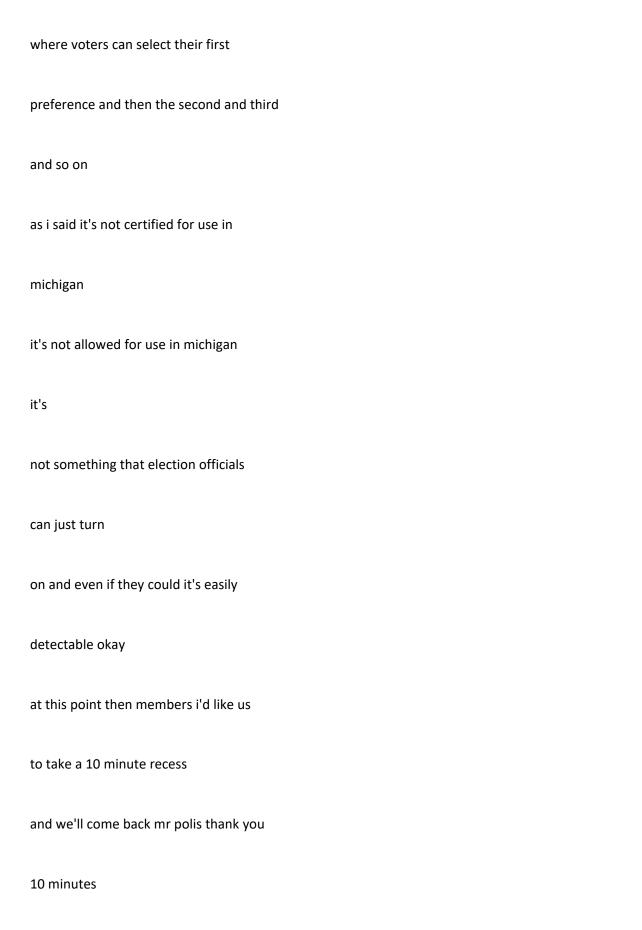
follow-up after

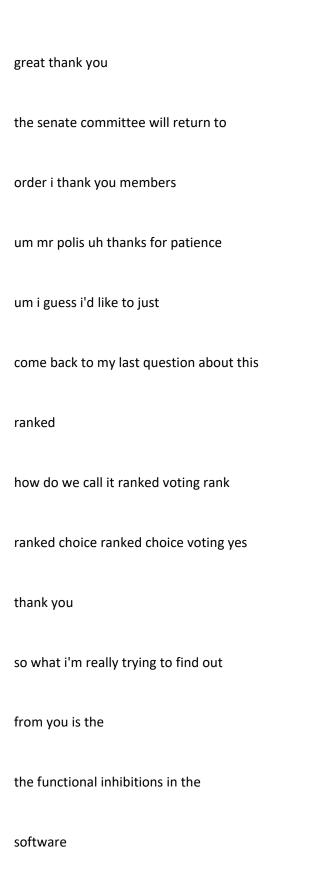




definitively
is it possible for that option to be
simply turned on accidentally even or
intentionally but you know even
accidentally is it possible that antrim
could turn that on
no the answer is no and and even if they
could do that which they can't it would
not go undetected and as i said an
independent test authority credited by
the esc could easily determine that for
you
could you and i don't want to
do a lot of these all day where we get
into the real technical weeds but

on this one could you share with us why
that is
why you believe that's impossible what
what are the technical specifications
that
make that impossible for it to
accidentally be turned on
well you'd you don't need to look any
further than the actual paper ballot
so if you knew what a ranked choice
voting
ballot look like you could see that
there's uh different columns for each
candidate

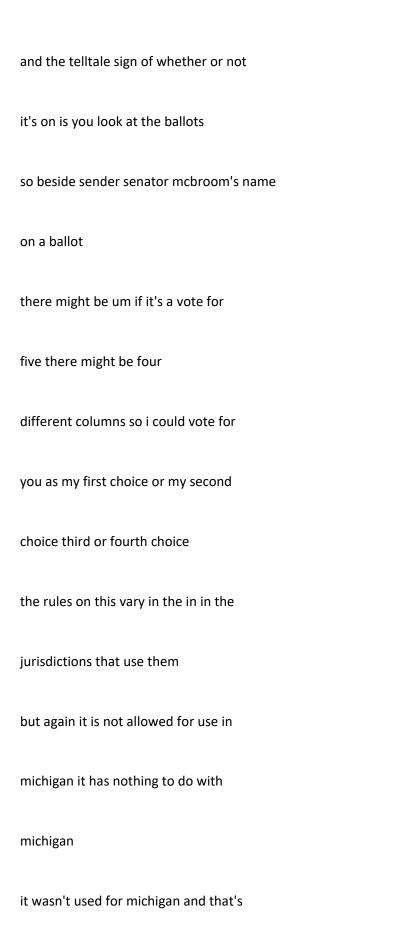




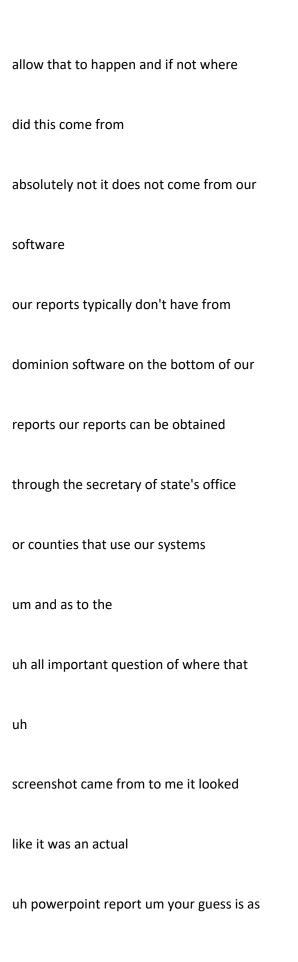
you say that it's not that they can't access it but what does that mean i mean do they see a button on the screen but it's grayed out so it doesn't work what would it take to turn it on i mean is that saying you guys turn on when you when you sell the software to michigan how is that how is it inhibited from being accidentally or purposefully turned on well that's correct senator so um it is not installed um uh when we went when the election officials took possession of their system whenever that

was back in 2017-18
um they would have had to separately
install
a module that would be part of the
record
that again as i've said any independent
testing authority could verify this so
you don't necessarily have to take my
word or even a poll official word for it
one of the claims that i think um i've
seen
that may be related to this is the uh
the allegation of fractions in our
reporting software

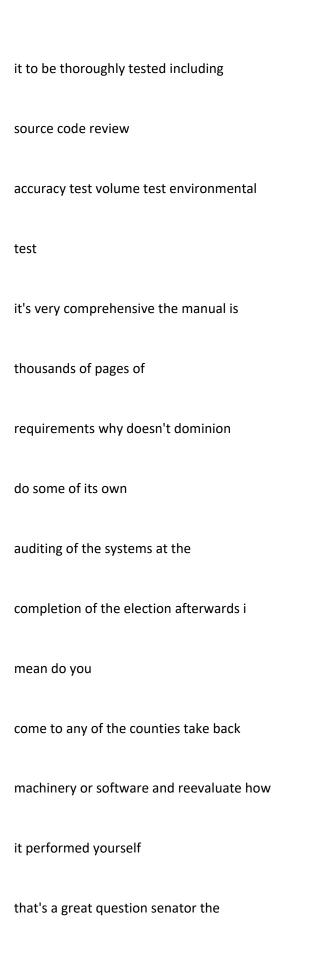
um as i said in my opening statement there is no fractional voting that's just not a feature of our system and any uh audit of our database would show this we don't allocate fractions and certainly don't do any switching or deletion of these votes so when the ranked voting occurs in the states that do allow that is there a fractional vote count that comes out in those situations or is it still whole numbers now the so the report that i happened to in um it was i think another hearing in your state and it was attributed to our system i i can tell you that's false and i haven't seen any report of where that report came from it looked like it was just created on powerpoint i can tell you that that it does not come from any report on our system and that's something any one of your counties that use our system could verify for you in the states that do use rank choice voting it is a separately installed module with separate trading

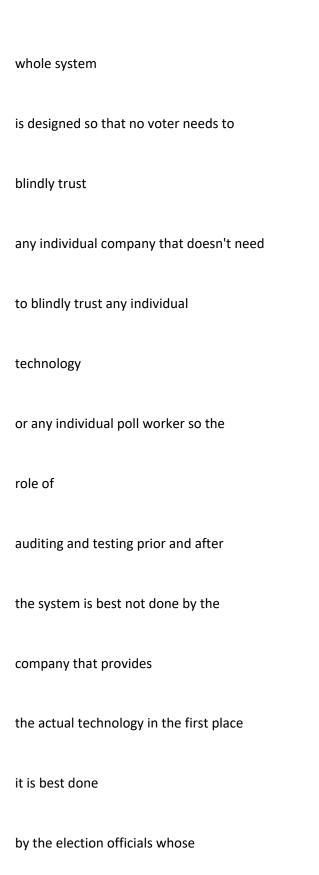


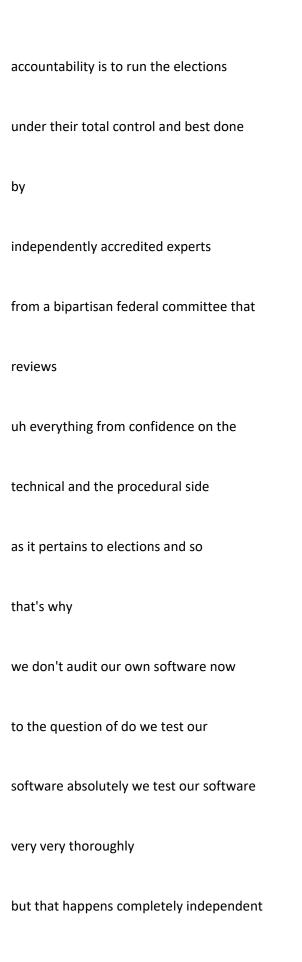
something something that can be easily
and independently verified so
on with the fractional voting issue
since you bring this up and i
i would have one of the other committee
members hadn't
this i've seen a page that appears to be
a
screenshot that demonstrates fractional
votes
and at the bottom of it it says dominion
software
is there any screen in your software
that would

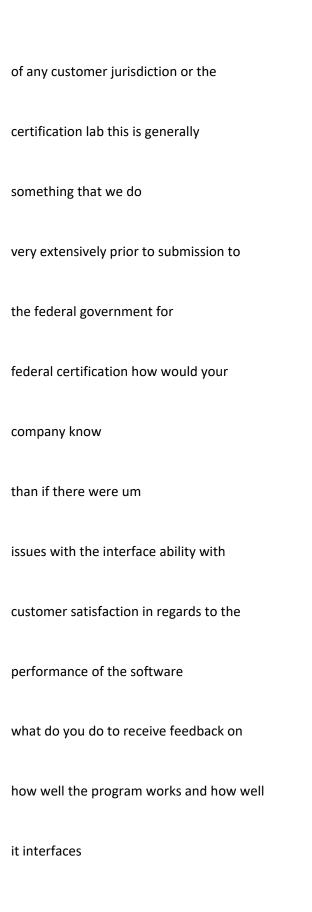


good as mine all i can tell you is it did not come from our system i'm gonna go back slightly and it's not that i won't come back to fractional voting but i'm gonna mull over what you said and perhaps will come back from a different angle but the you were mentioning how in the post election these your software the machinery is audited by the eac or potentially by a third party correct you know the federal process specifically requires



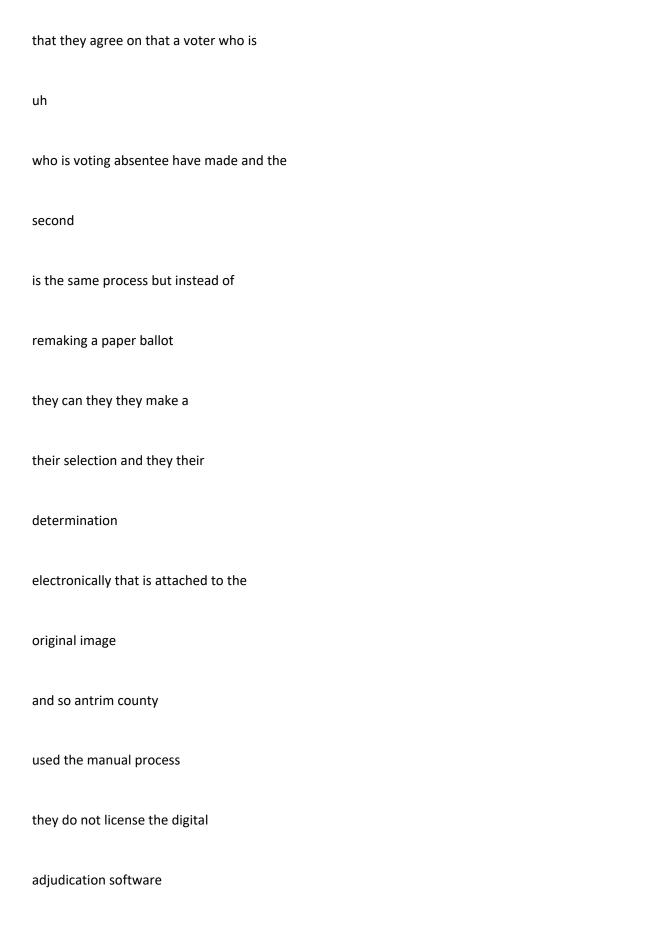




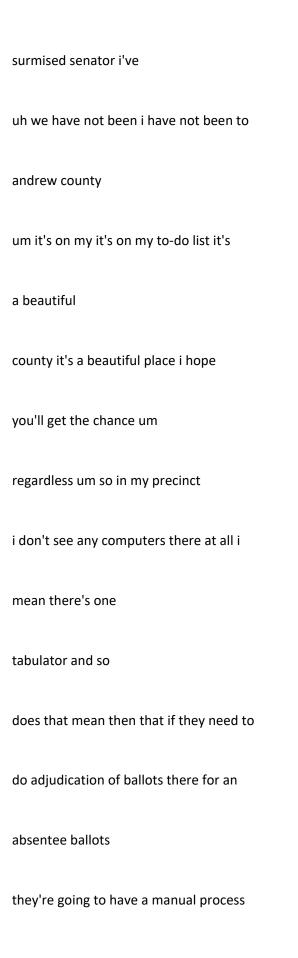


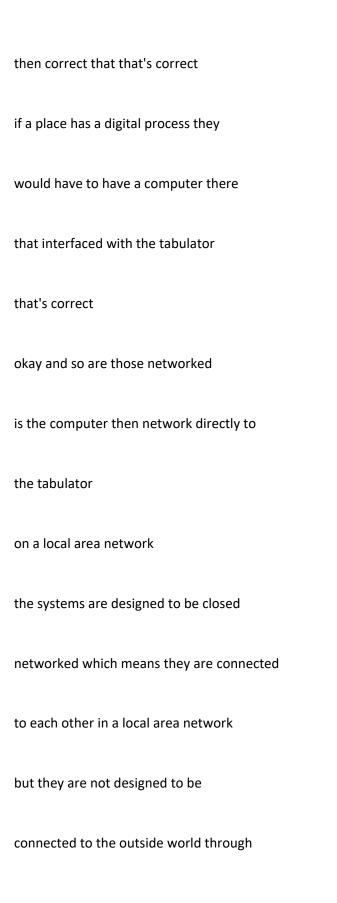
uh well it's an iterative exercise uh through continued conversations uh collaborative in nature with our customers that use our software systems and now turning my attention and i'm sorry to kind of bounce around here a little bit on you no no worries when when we look at the antrum report that's recently come out there's specifically uh notes regarding the absence of logging within the steps of the adjudicated ballots you went through for us what the adjudicated ballot is and what that entails but

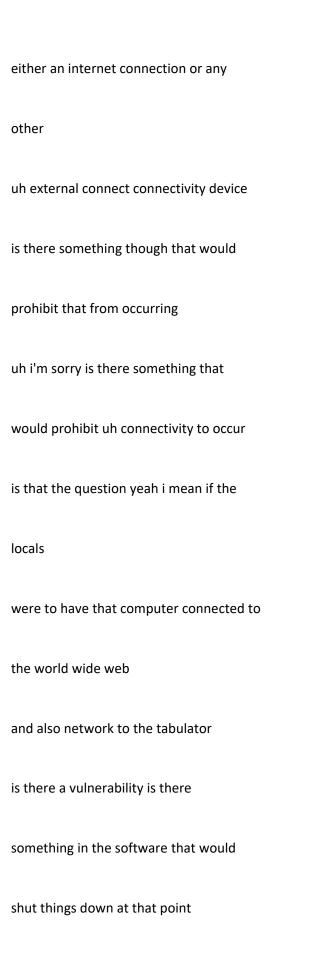
where you mentioned there's both an
automated and a non-automated
system for uh for adjudication which one
is it that antrim county had
and where are these logs that the report
that came yesterday says are missing
there's no automated process for
adjudication
the two different systems are one that
is manual in nature
that requires local bipartisan
adjudication committees
adjudication committees to remake new paper ballots based on

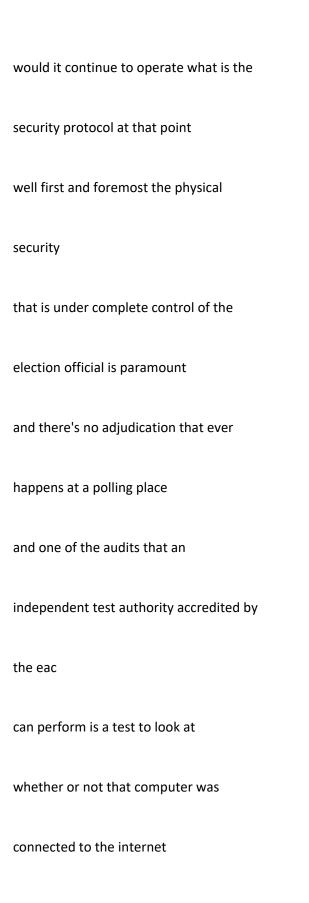


and we know for a fact that they could not have used it because they did not record absentee ballot images which is a prerequisite to use a digital adjudication so in my pr in my township and i'm i'm part of a small township and by the way just for the record because i'll get in trouble later if i don't correct you andrew county is state not in the u.p just it's close to the u.p but it's downstate um fair enough as as you might have

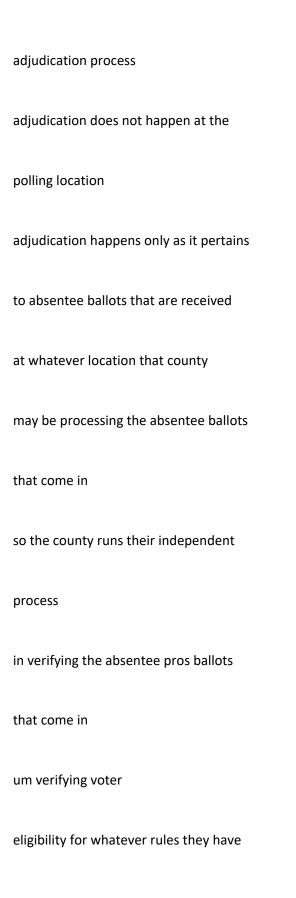


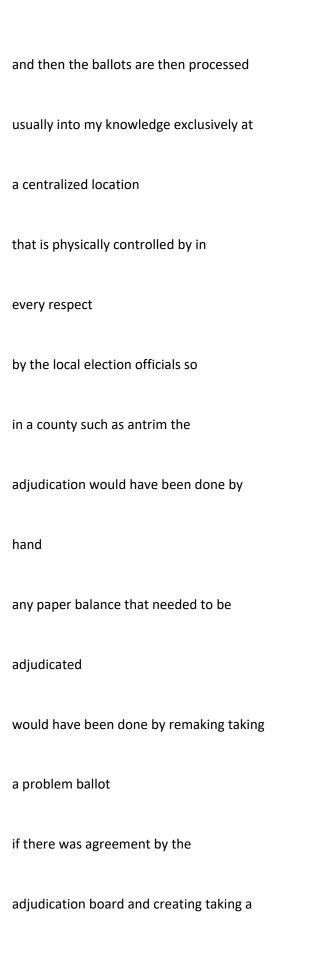


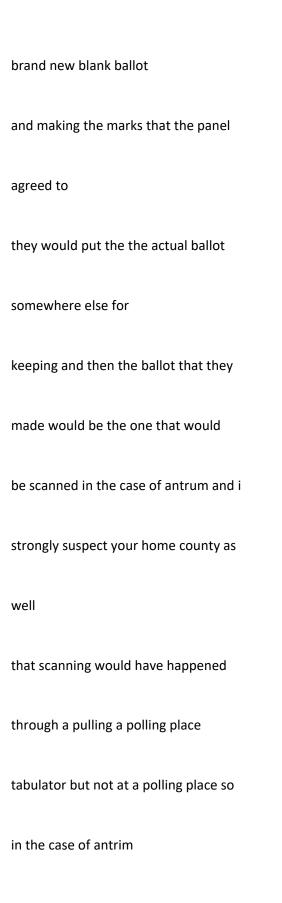




which of course it's designed not to i thought that you might have just said that adjudication doesn't take place at the polling place but i'm not sure is that what you meant to say because i mean isn't that where if there's a ballot with an overvote isn't that adjudication going to take place there at the polling place okay fair enough so i did say that so let's take a couple steps back make sure we're on the same page please um in a county uh like antrim uh or your county uh where they are using a a manual





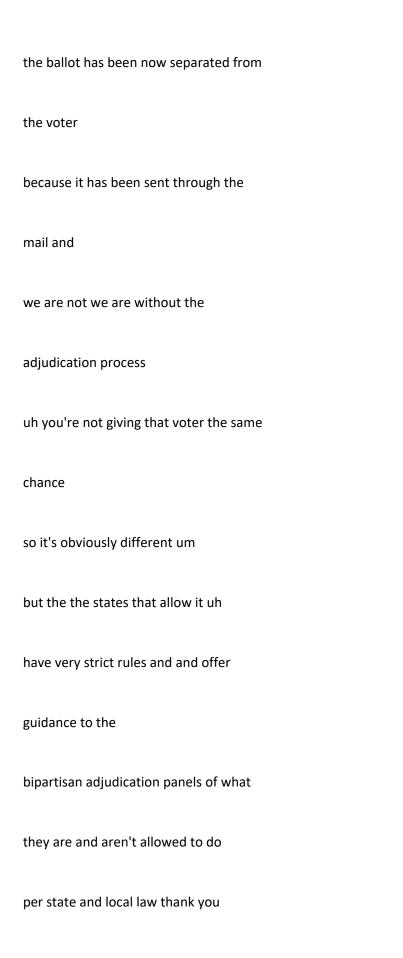


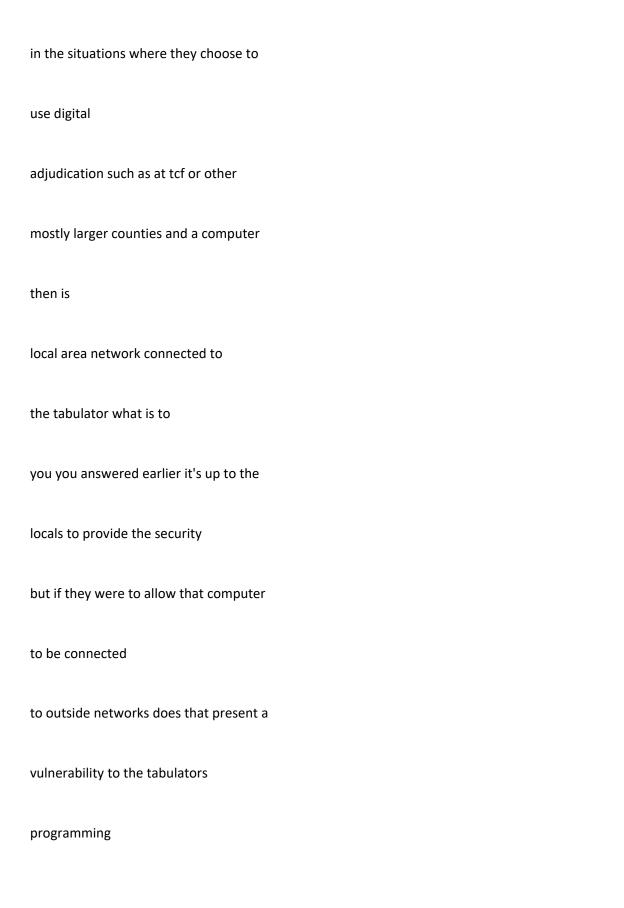
what i just learned the other day was out of the 18 tabulators that they had two of them i believe uh were dedicated for absentee ballot scanning through accounting board okay so and and i will add at this in this lay in this scenario um there is no connectivity no connectivity of any kind we were mixing digital adjudication when when you're doing digital adjudication but in the scenario that we are talking about now as it pertains to your county or interim

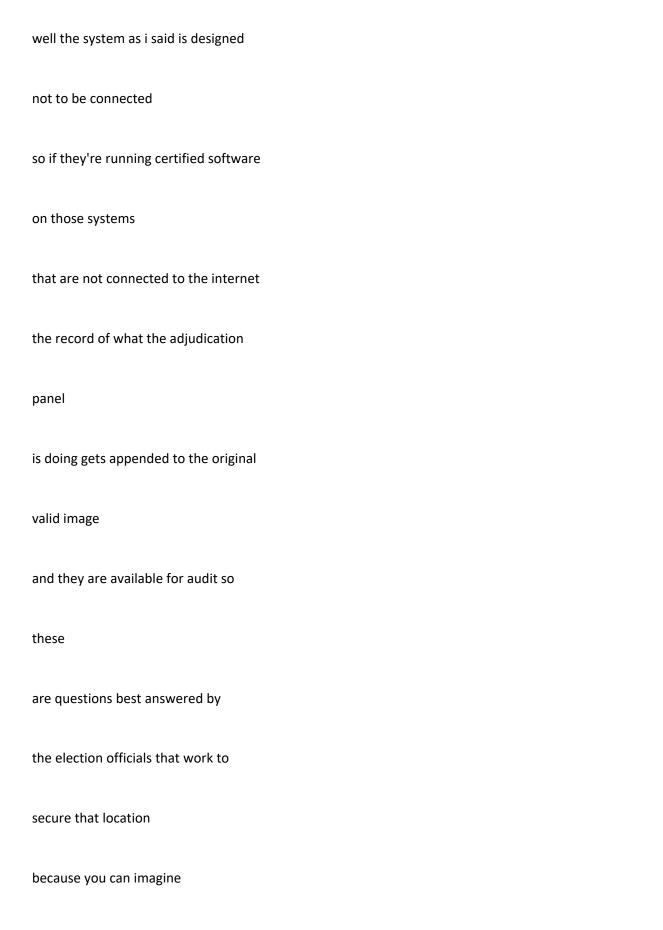
county
there is no internet connectivity at all
okay thank you and but it does open up
kind of the can for the other
you know major thing that we've talked
about where obviously in tcf
they were using um digital adjudication
well let's come back to that in a second
i just want to clarify
one thing so the reason why we don't
need
adjudication for in-person voting
that is if a voter made the same mistake
in a

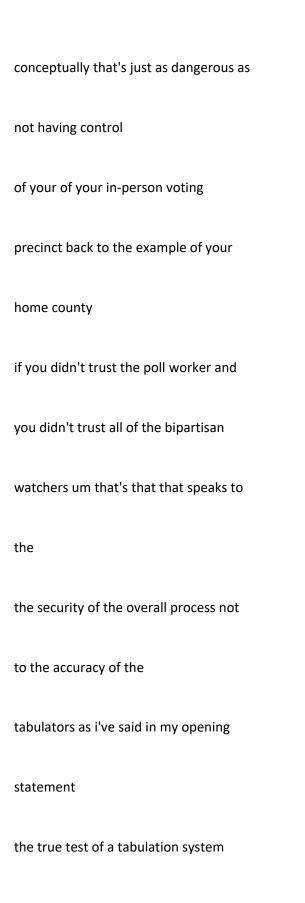


and it was
only a vote for one contest they're the
ones that in
in-person voting the voter themselves is
is feeding their ballot in the tabulator
and the tabulator
will prompt them of their mistakes so
they have a chance to correct it
themselves
you don't need an adjudication panel
because the voter can correct it for
themselves
the issue arises in absentee voting
where the

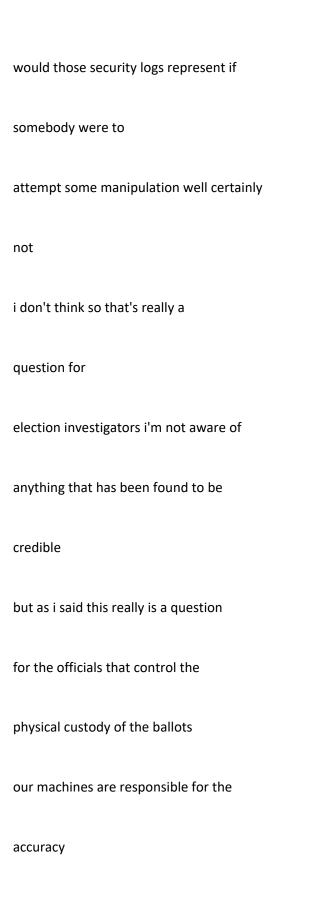






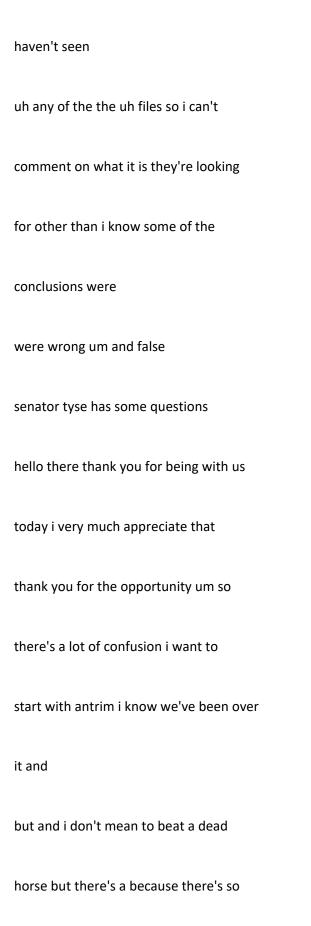


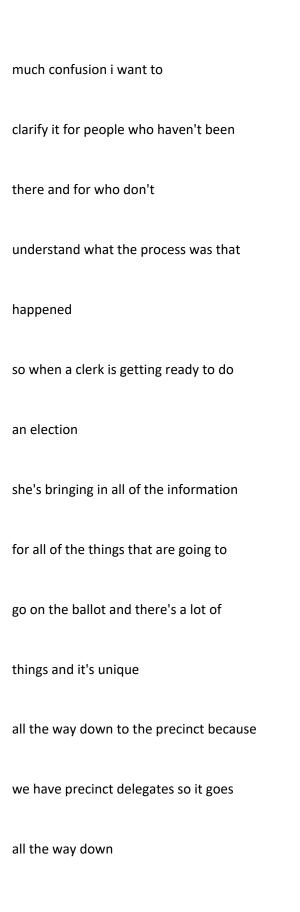
such as ours
is in the manual recount and an audit
that is taking place
and that is something that is always
available to do
and i guess what i'm trying to come back
to because i started off with this
question about logging
of security and so is
would changes would outside manipulation
if somebody
had these things connected and obviously
that's not the case in antrim county but
potentially possibly the case in other
counties

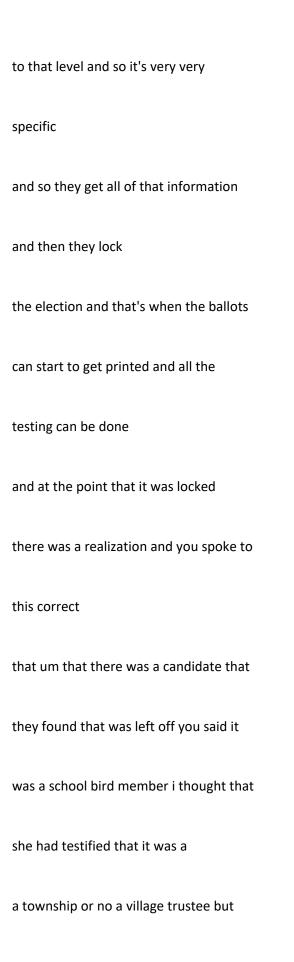


in regards to counting the paper ballots
and and that's exactly what they do
in the antrim back to antrim and i know
we're bouncing around
in antrim county the report says that
there are is a
period of time where there isn't any
security logs
what is the explanation for that
so senator i've only had a cursory
review
of what i consider
the biased report uh that came up
um i've also had a chance to cursor
a cursory review i should say um

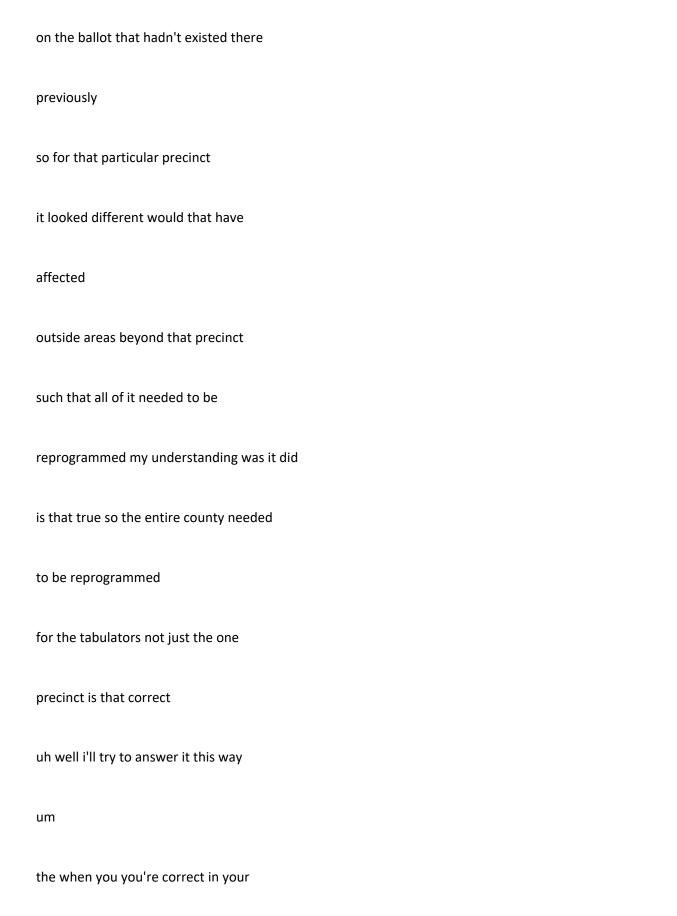
of the secretary of state's response uh which i frankly agree with the response that was issued um recently to that report um as i've mentioned earlier dominion did not program antrim county uh we have no access to their systems uh we are still not in possession of any of the logs uh or any of the databases or any of the election material from interim county um and so as i said a lot of the arguments were incomprehensible to me but then again i

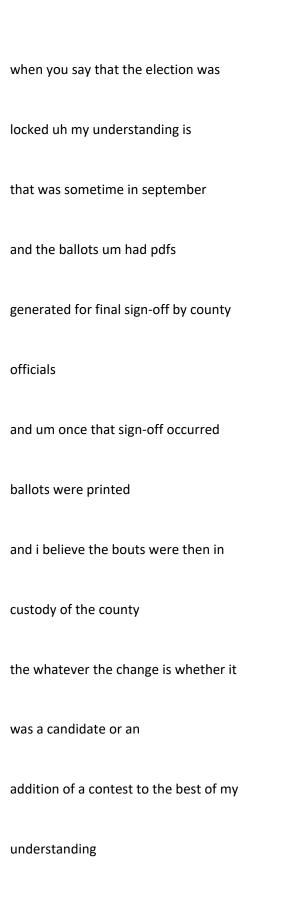


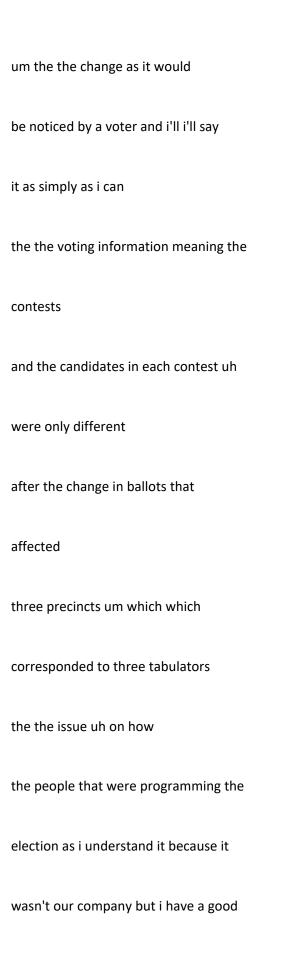


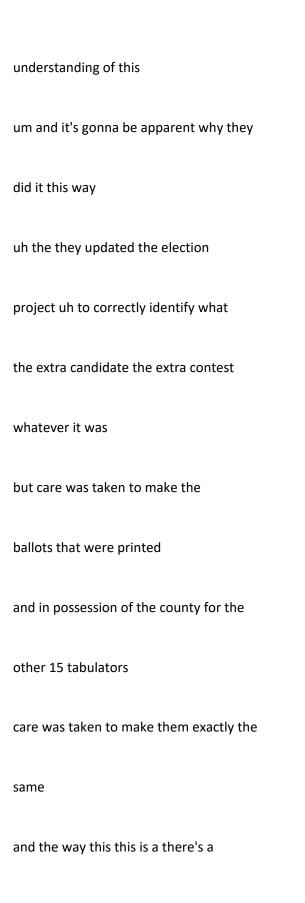


but not sure which it was anyway it was it was very well be correct i'm not sure on exactly what was uh all i know is the programming changed on correct and on ballots that affected three precincts and i thought maybe there was something else like a millage or something else too but nonetheless it would have changed the format of the ballot once they were reprinted it would have looked different even there would have been additional information

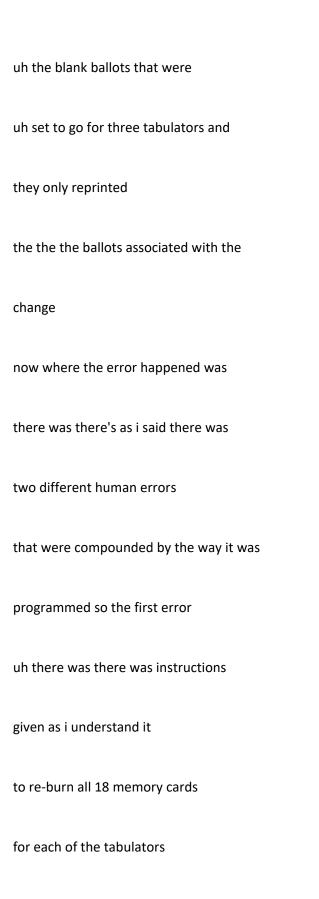


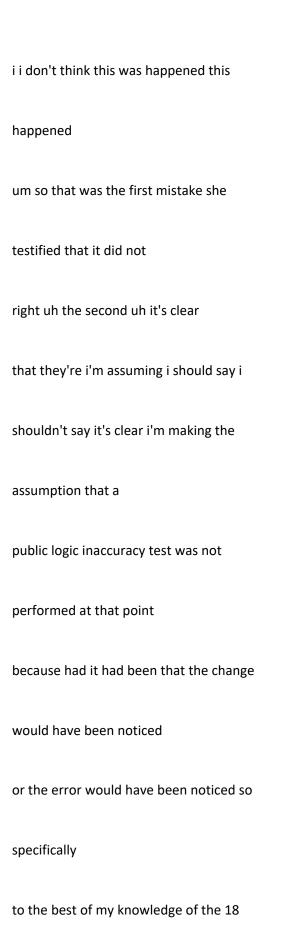




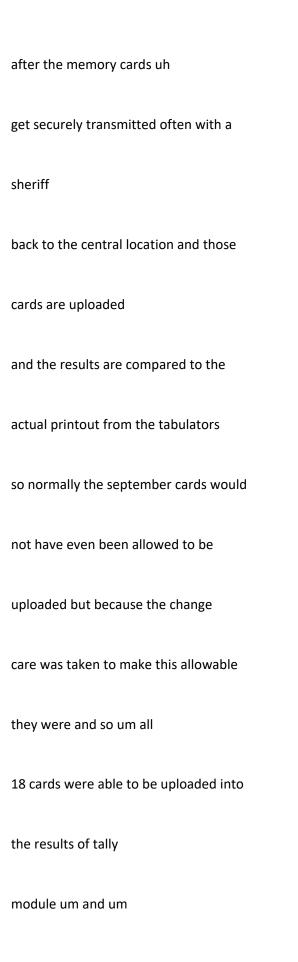


good reason for that this feature exists because a lot of jurisdictions uh have the requirement where there might be a last-minute court order to remove a candidate or to add a candidate and they simply it's simply impossible to reprogram thousands of machines overnight from 11 p.m to 7 a.m so so this is why the feature exists in this case it was deployed to uh to save the ballot printing um of what was already in possession so the from again best of my understanding they only really had to destroy ballots

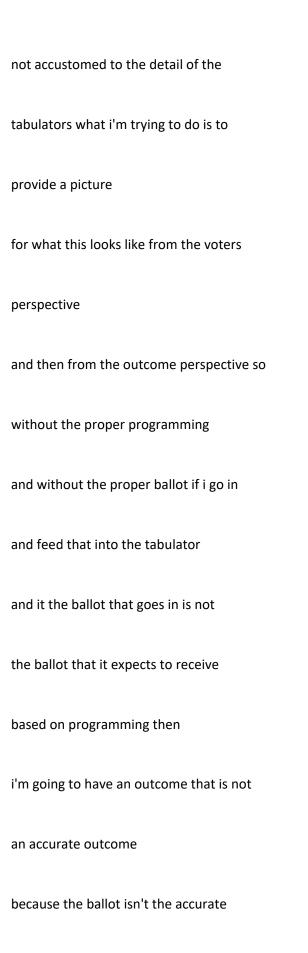


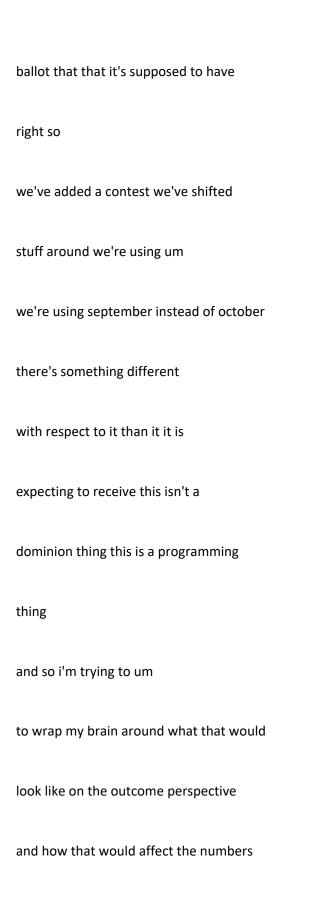


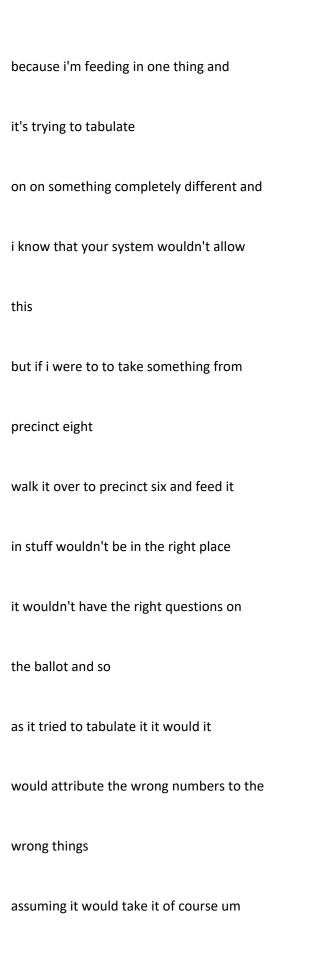
machines some were
running september project and some are
running
october project and some of the ballots
were september ballots and some of them
are october balance
so a couple things normally
if programmed in a usual way
the september memory cards would not
have been allowed
to be uploaded into our results and
tally
application and this is the part of the
application



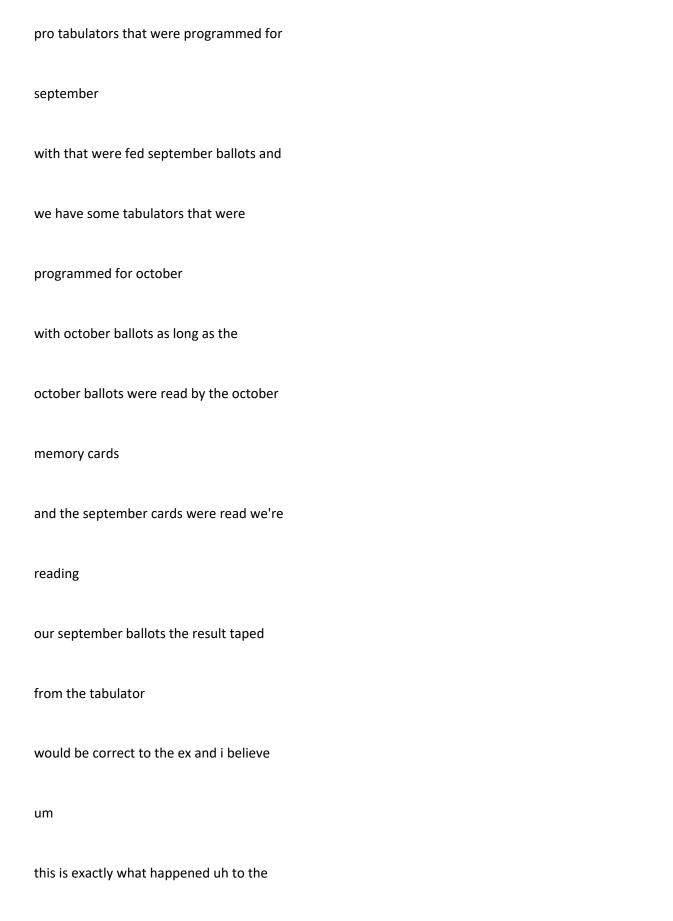
and that's and that's where there was an error in the unofficial report so as i mentioned that's a very big reason why we do canvas or why election officials do canvas because that's where this was noticed identified and corrected long before results were made official so you've testified to all of this but what you're doing is getting into the excruciating detail and making it extremely difficult to see the bigger picture for the people who are not





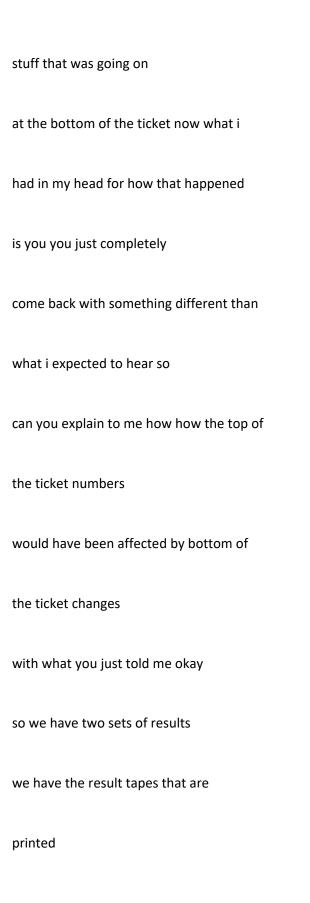


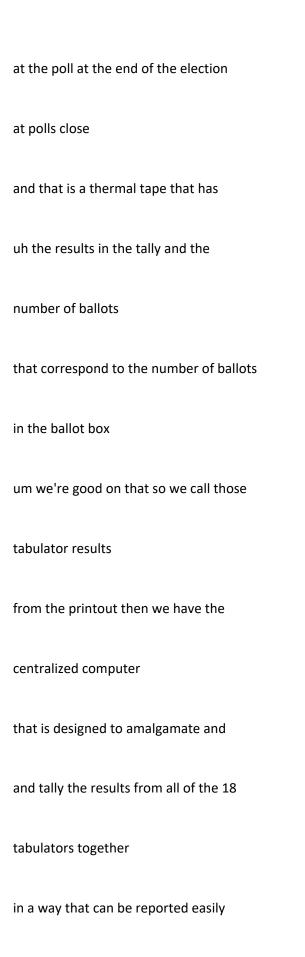
and and then i'd have the wrong numbers in the wrong place it seems to me in my non-election brain that that's similar to what happened here if you get step out of the detail and you look at the frame you look at the outcome does is that um i i i think i understand and i apologize for getting into the weeds i'm accused of that quite often actually um but if you look at it from a 30 000 foot level uh from the best of my understanding we have some

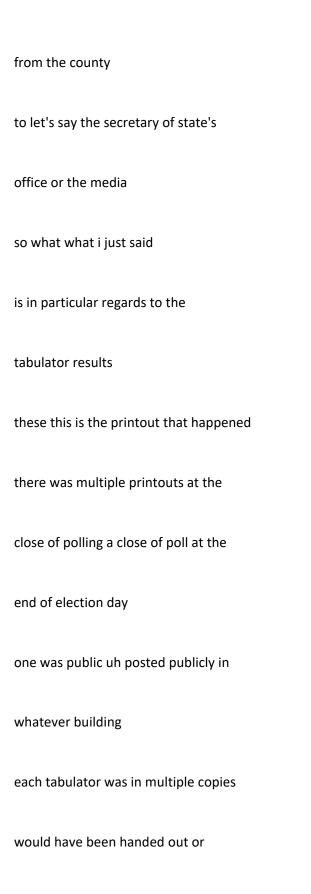


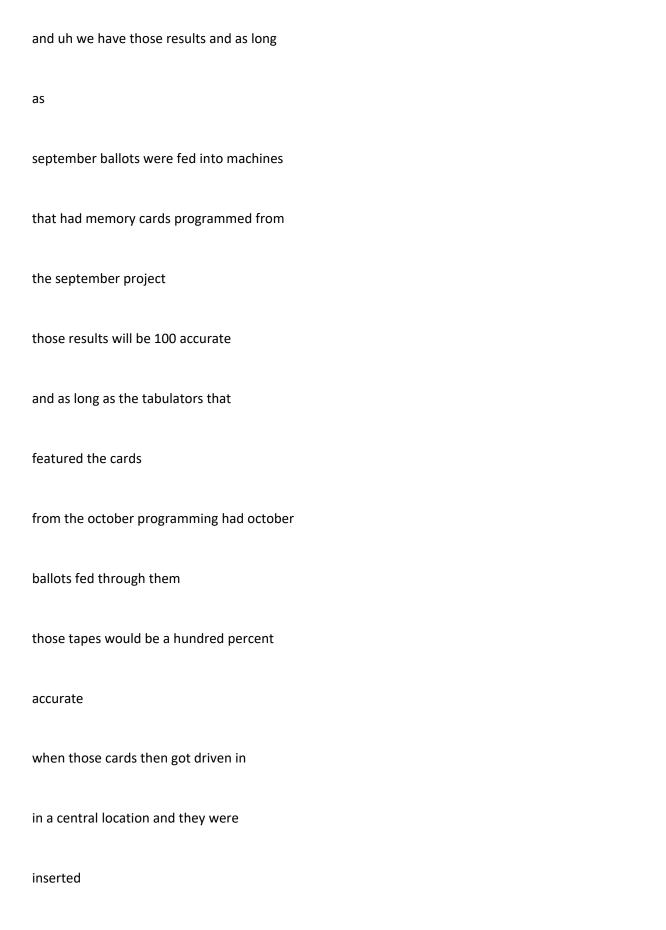
extent that there was one location and one tabulator that was using a september memory card with october ballots and it had this extra person or contest that is there there wouldn't be any changes to the top of the ballot contests um but there there very well may be a change uh to the affected race and to my knowledge that's precisely why the secretary of state's office together with antrim county officials are working to do a hundred percent

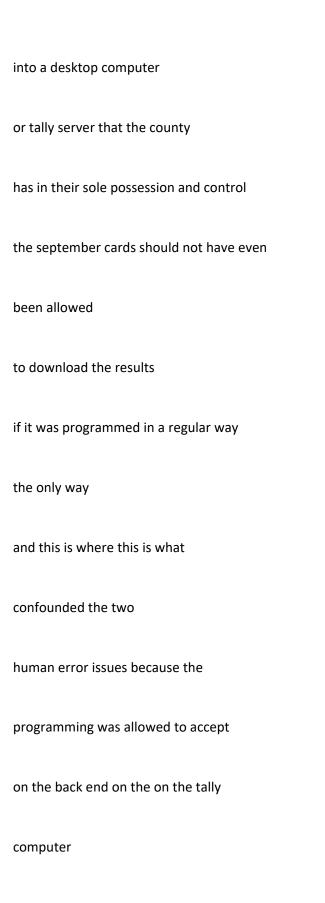
audit
on the presidential race to confirm that
the results on the tape actually match
100 percent
the results of the paper ballots which
of course had been securely stored
under the custody of the local election
officials
so that is not my understanding of how
that whole process worked and it doesn't
um
[Music]
the numbers that we saw should not have
been
affected at the top of the ticket for

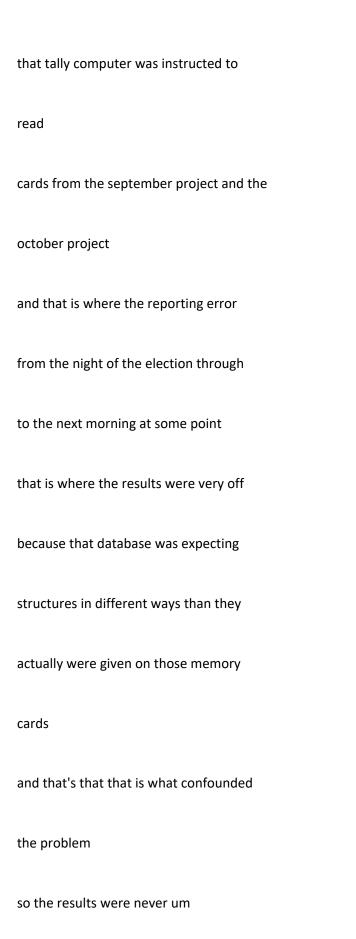




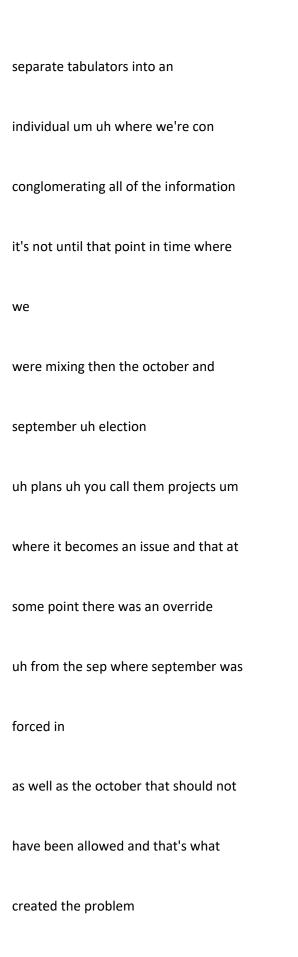




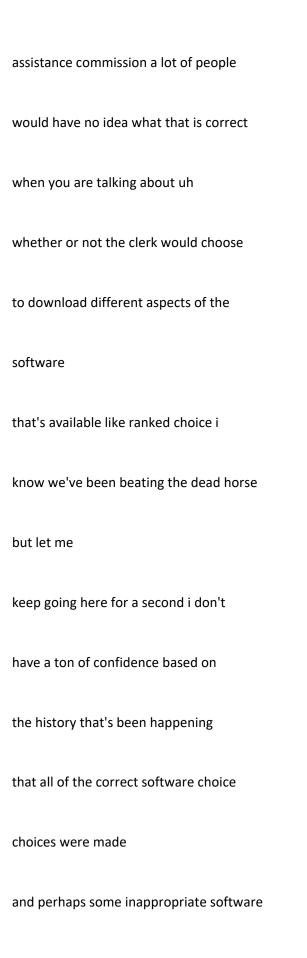




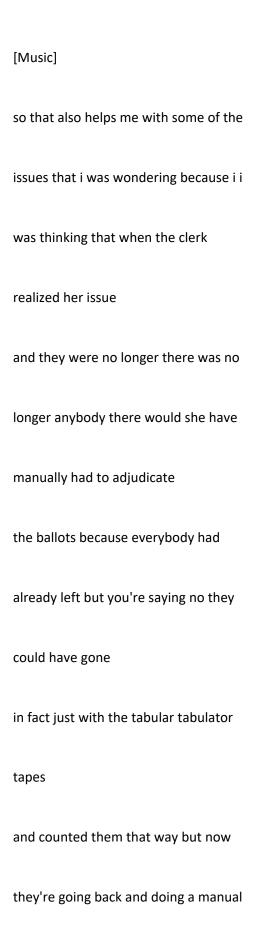
validated they were never certified and that is exactly the process of canvas and why they were caught the day after is that does that help in the explanation or that does so the tabulators provided that they were accurately programmed for the particular ballots that were being fed into them regardless of whether they were september or october are fine it's not until the point of time that we're we're bringing together all of the information from all of the



okay thank you and i will add that we are confident that the top of the ticket so the presidential race uh was not affected on the the tabulated results the tapes from the 18 tabulators but of course this is going to be the recount will will be the ultimate judge of that so yes thank that's thank you that's good i just wanted to clarify a few things so eac is something that we've been referencing a lot that's the election



downloads happened is that possible
or or do you not even think that that's
possible no i don't think that's
possible
this is not some feature that can be
accidentally turned on
it is it is a distinct module that
starts with
the election definition um and that
leads to
the way the ballot looks so this is not
some feature that can accidentally be
turned on
okay



to compare the tabulator tapes and the numbers to the manual ballots um you've confused me on that one were we are we specifically talking about antrim county yes just interim so again the any adjudication would have happened only on the absentee ballots that were mailed in well so as i it was my perspective that because this election had happened and then she realized her arrow error after that when these ballots had already been fed in that something else

would have had to happen but you
corrected me on that so thank you
yeah again antrim county did not
and could not uh have used digital
adjudication
and the manual adjudication would have
been done prior
to her closing the polls on the two
tabulators
that ultimately printed out a results
tape
okay thank you and i want to i want to
shift a little bit
um i want to clarify something you keep
talking about the bipartisan watchers

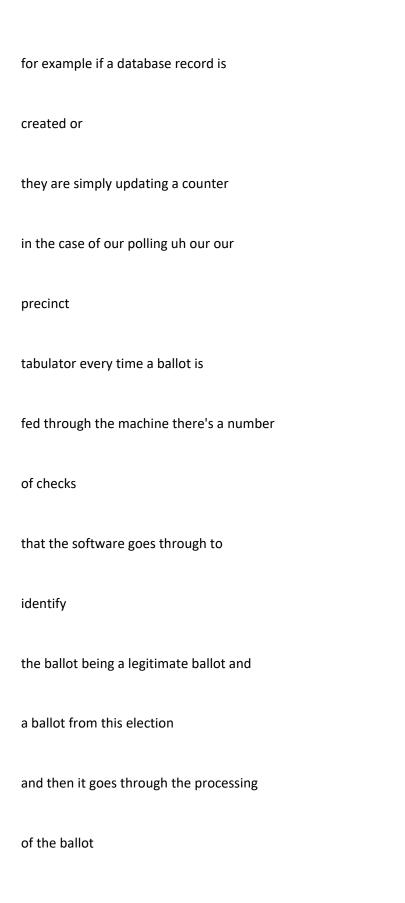
for things that are ongoing they're not always available in all areas in all places and in some places they're easier to find than others and so part of the issues that we're dealing with as an oversight committee is they weren't always available in in order to make sure that everything was done in the forthright manner that you describe and and that's not your problem but that is it doesn't always happen that way and we

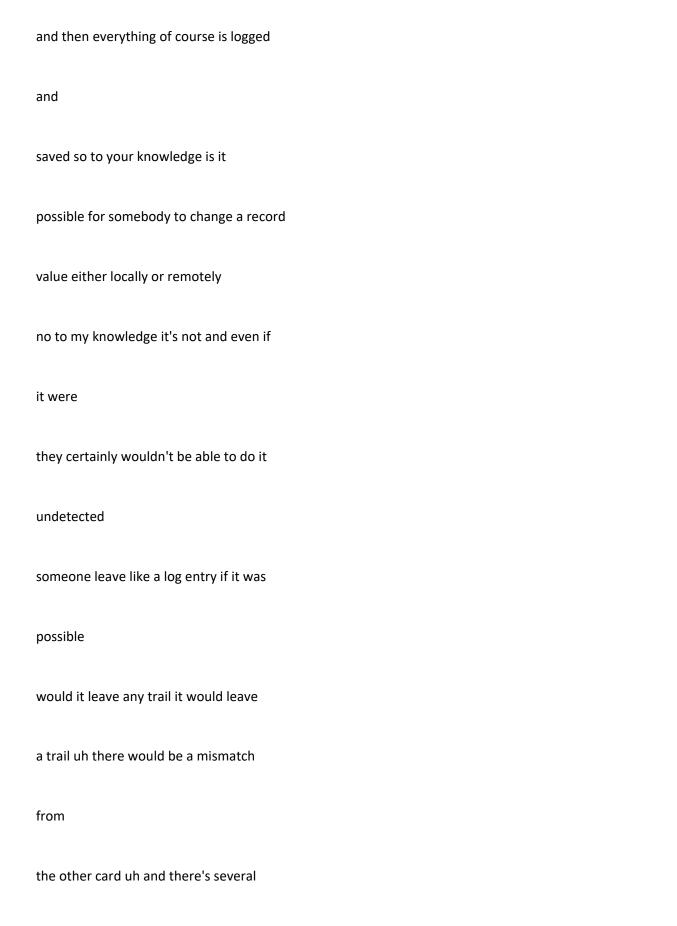
we want to make sure that it does do you uh so you have uh equipment that are that that's the tabulators do you guys also provide the high speed tabulators yes we do all right they don't have do they have a a box that the ballots go into also or are they accessible to you at both the beginning and the end of the scan well they're never accessible to dominion staff i'm sorry to the person handling them right they are accessible they're well they're always accessible so

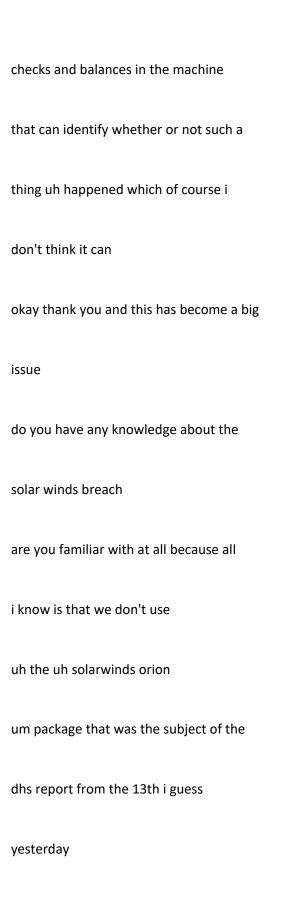
um any high-speed scanner the way it works uh to get a high throughput speed um usually has a u-shape uh scan head to minimize the frequency of jams especially with ballots that have been folded um and passed through the mail twice and handled by a number of different individuals so the ballots there there is an incoming trade and an outgoing trade okay that makes a lot of sense to me i may have some

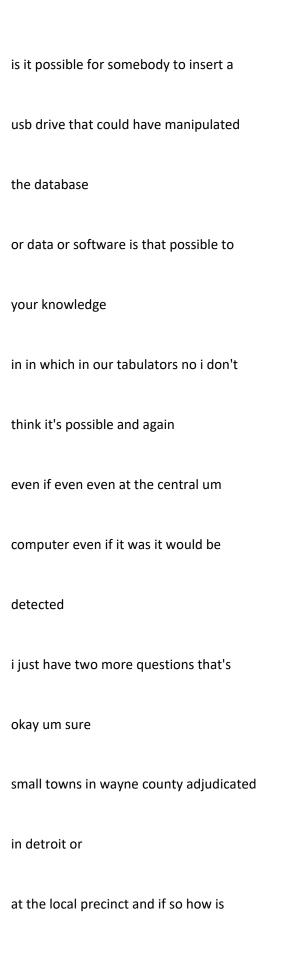
further questions later let's see uh oh i did want to ask if we could get uh from you because you you referenced the contracts and you're not sure where what we have contracts with i don't want the details of your contracts that's between you and whomever you contract with but i would like to know with whom you have contracts for our state so i know you do with the state of michigan obviously interim county uh but if we could get that information that would be helpful yeah so i i don't think we have a contract with andrew county but

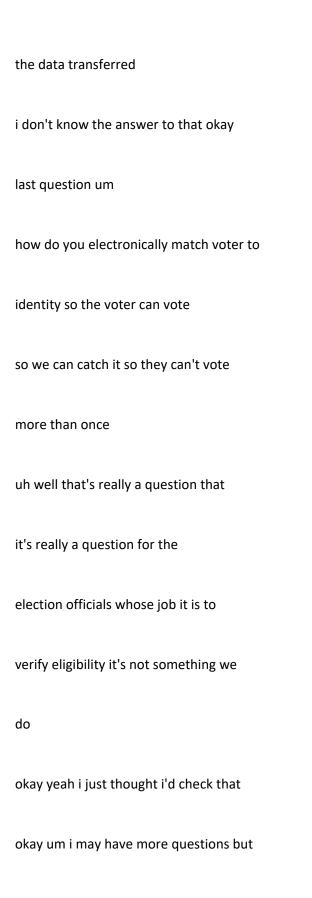
we will certainly get that for you senator it could be their counties are contracting with the state in order to have access to that too that's possible and then you said the on-site technical support is part of the contract generally when it happens uh i wouldn't say generally uh it's definitely not out of the norm um and um it's just a in a lot of places it's a regular um part of our process okay thank you very much for your time and patience with me i appreciate it no thank you thank you senator tights senator mcdonald thank you chairman thank you for being here um i'm going to go back to some of the technical questions if you don't mind can you tell us what programming language is used and if it includes any database system uh not like not off the top of my head but that's something certainly i can get for you i would appreciate that um can you walk us through the business logic of what happens when a ballot is processed

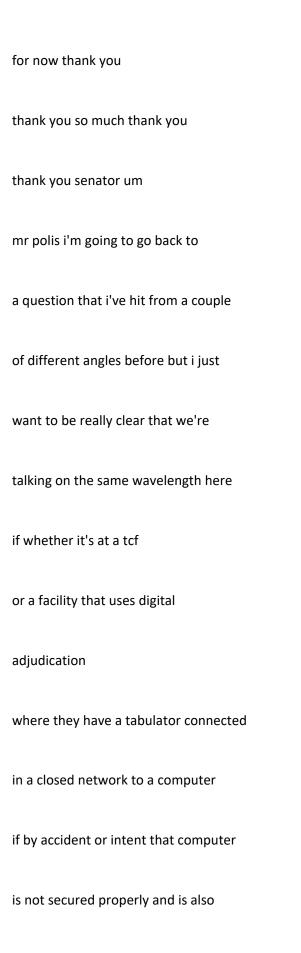


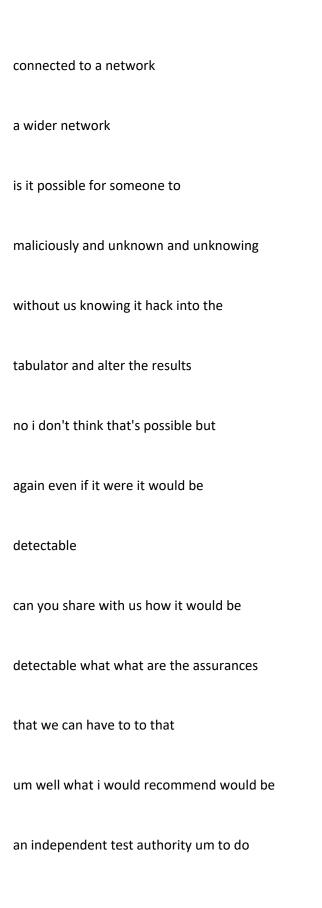


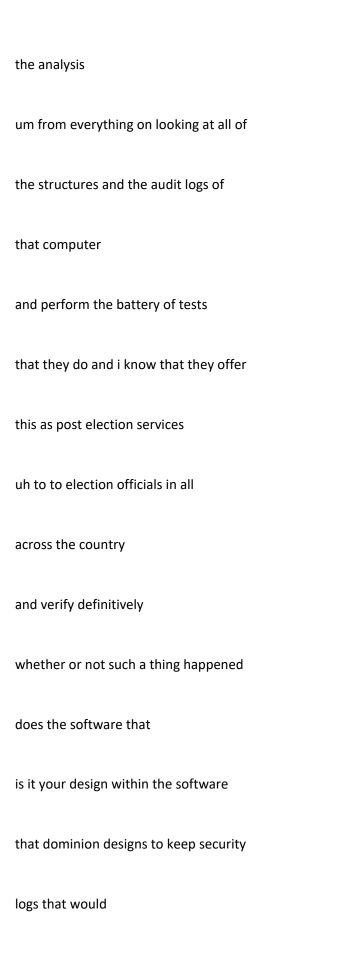




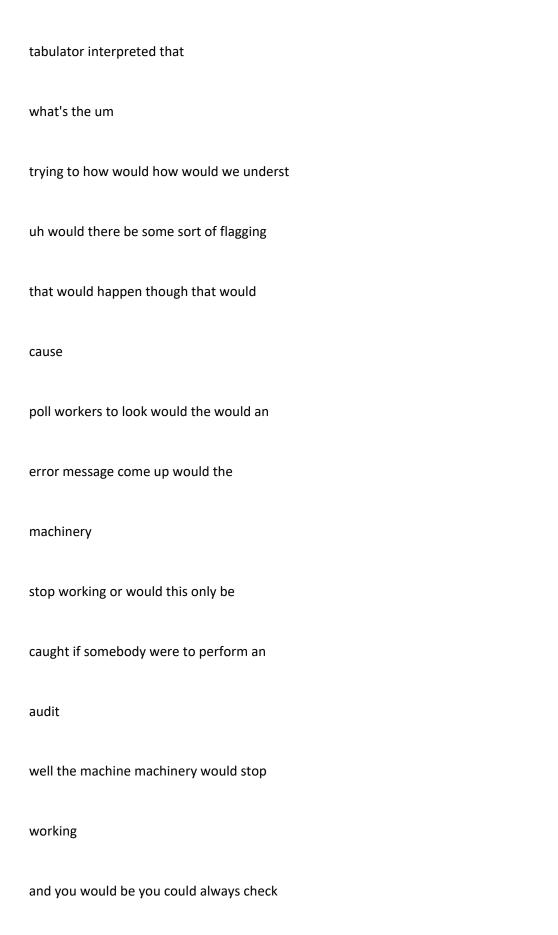




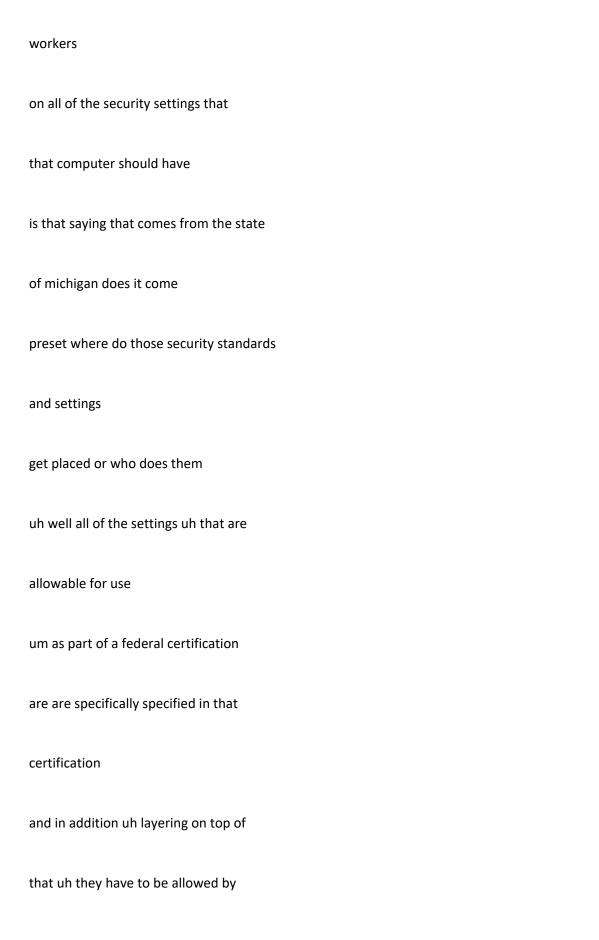


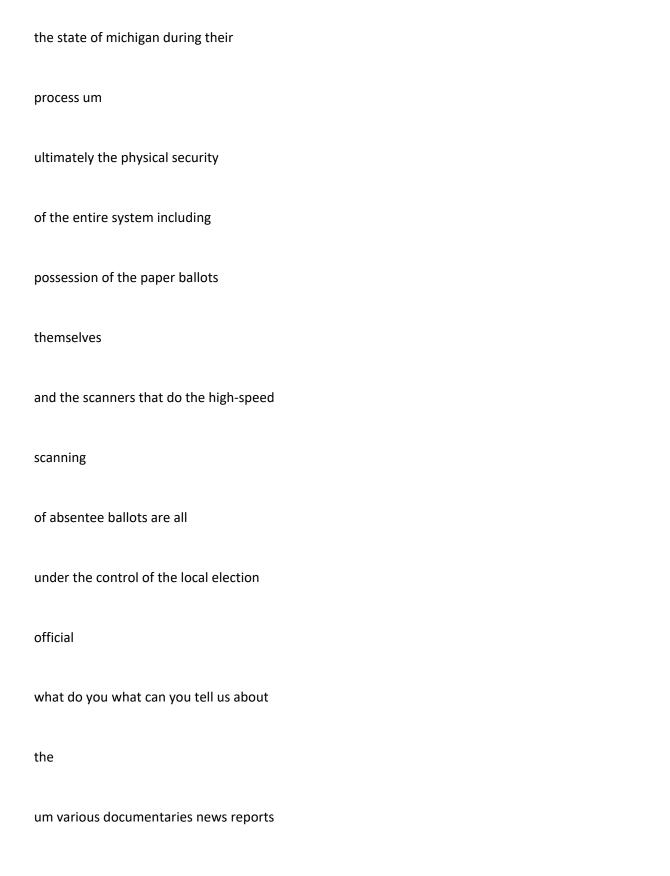


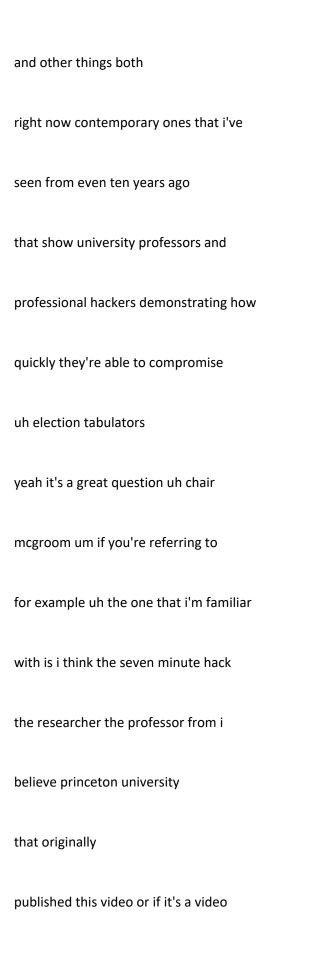
flag unauthorized alteration of the code
yes absolutely and and there's also
ways for election officials to check
that
and with every ballot scan
that we do when it's when we're talking
about digital adjudication we actually
have
a audit mark appended uh to aversion to
to the same ballot image that
can show to any concern citizen any
voter
a clear understanding of what the ballot
uh was that was scanned and what how the

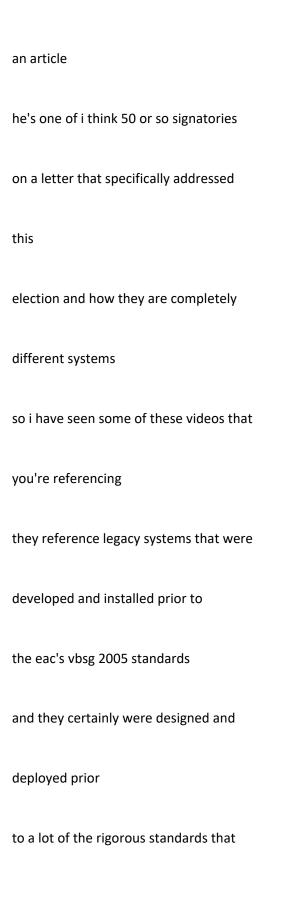


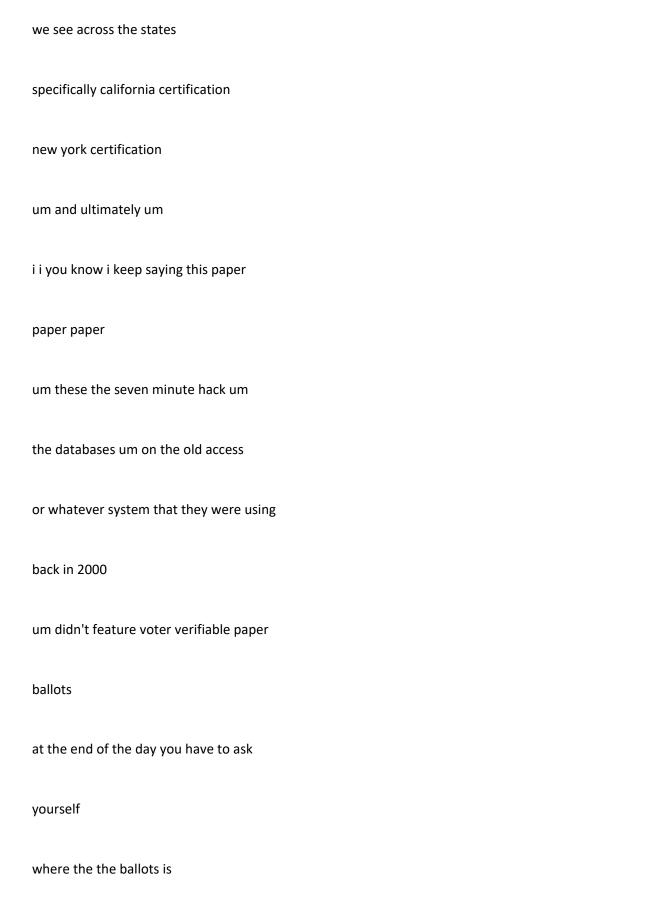
by going through the audit marked images
of the ballots that were scanned and
what and that's that's above that's
that's not even
before we get into an independent
verification from an ita
now the security of that computer that
is
is hooked even to that local network
hooked even to that local network
hooked even to that local network or the digital adjudication the security
hooked even to that local network or the digital adjudication the security protocols that are put in place on there

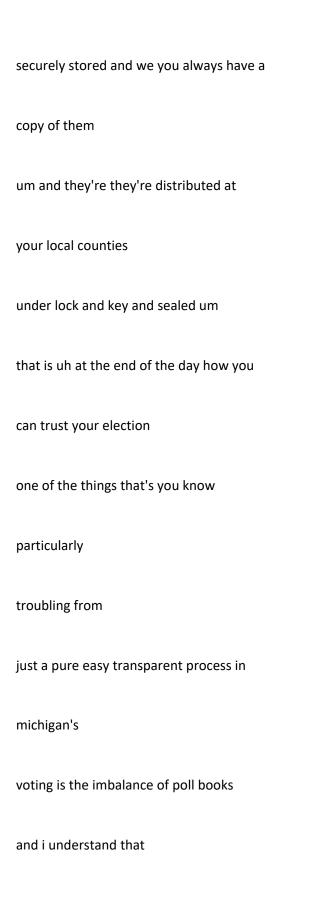


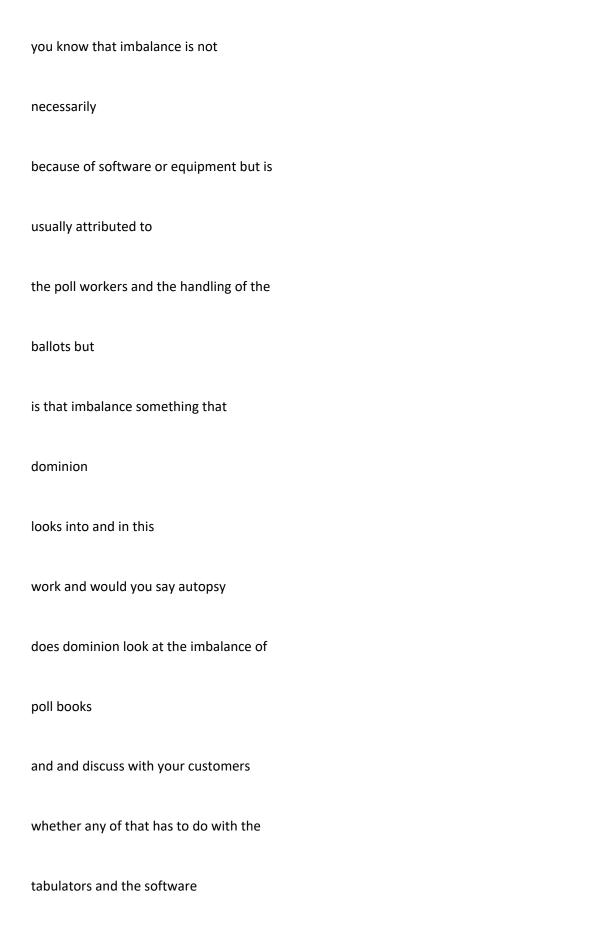


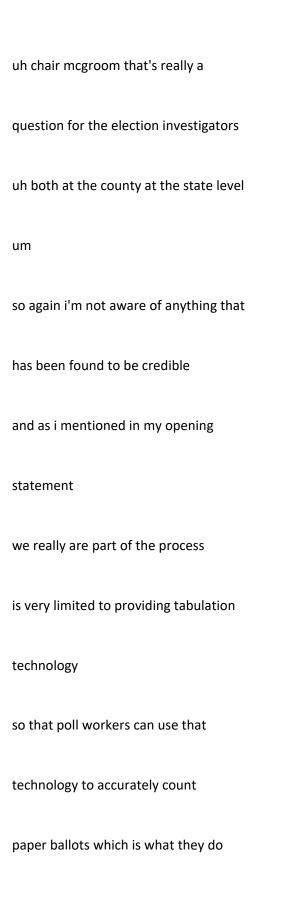


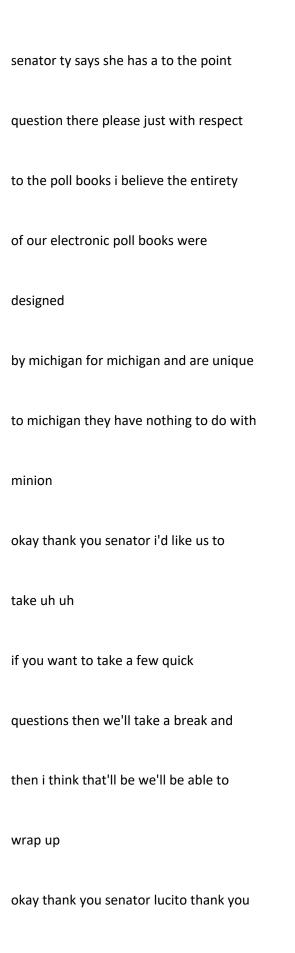


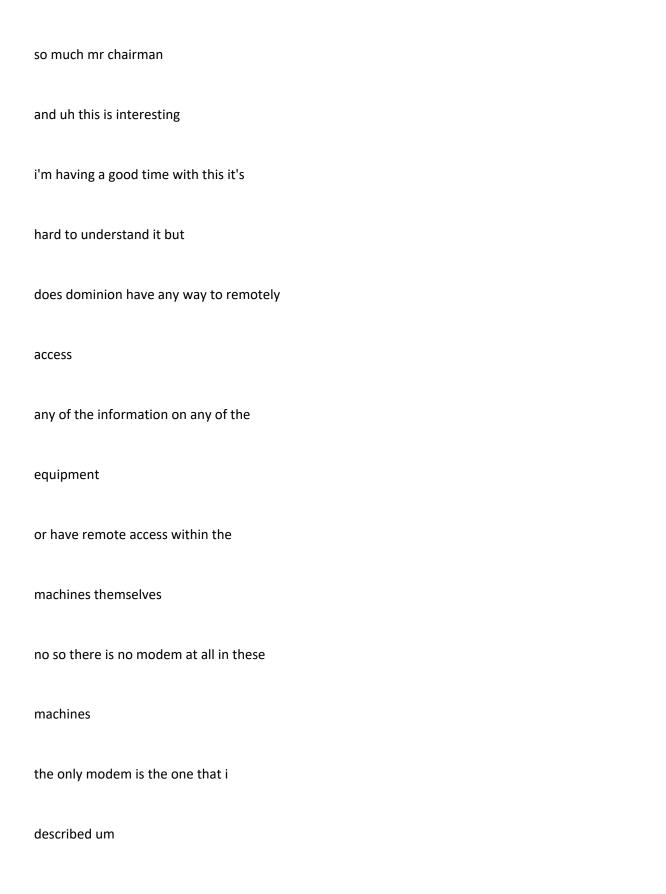


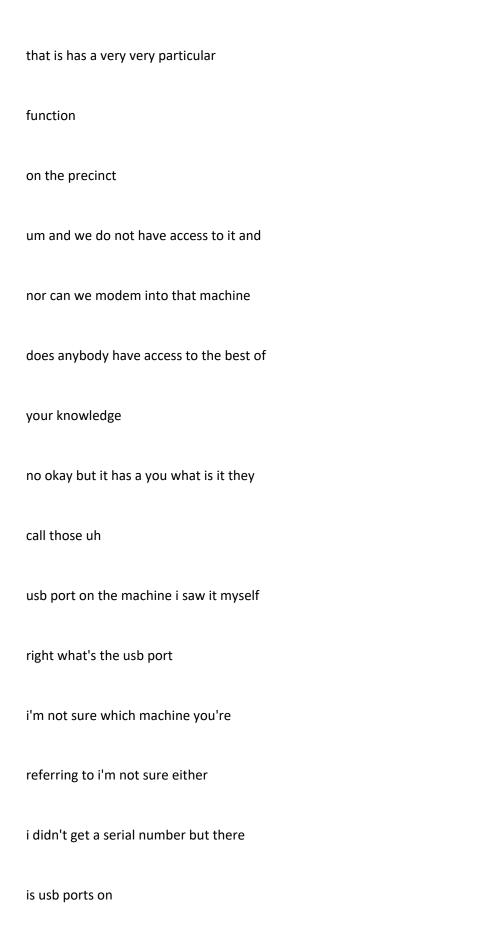




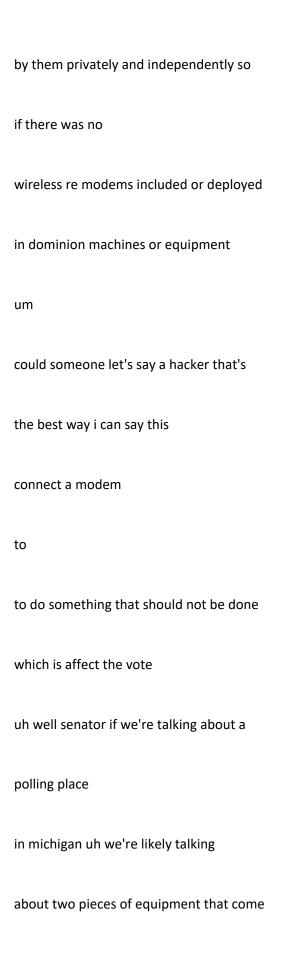


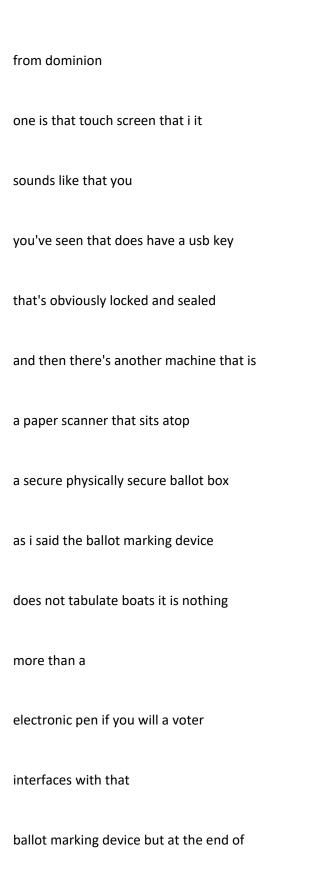


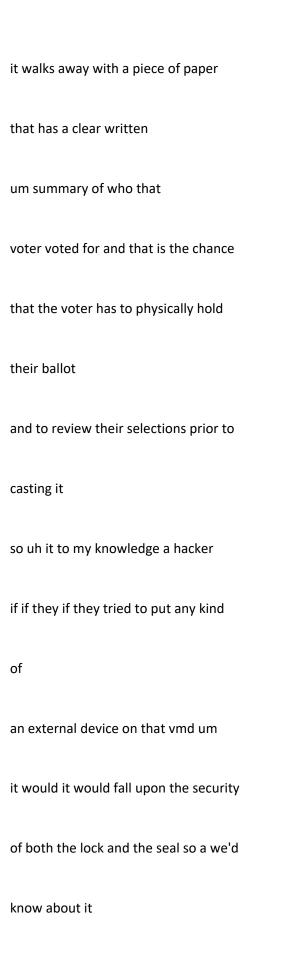




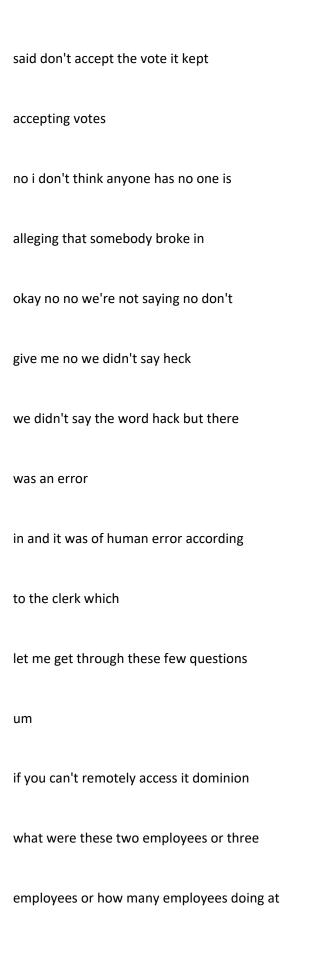
machines that you build correct uh no i don't mean to be facetious senator what did the machine look like was it a touchscreen yes okay yes there is and so that touchscreen is a ballot marking device it does not tabulate boats so it's just a pen it's an expensive fancy pen that allows uh for voters of any abilities any physical ability language ability to privately and independently create a paper ballot that can be cast

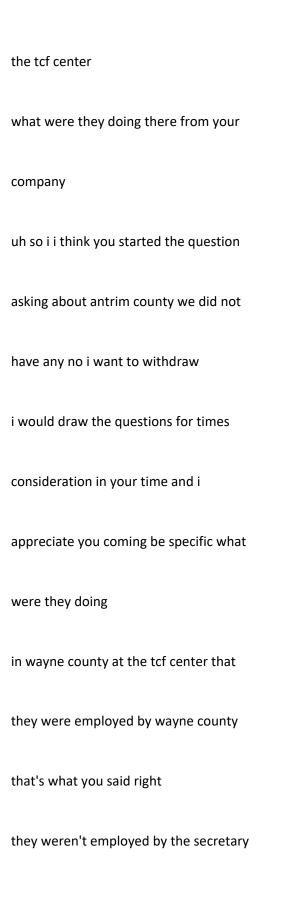


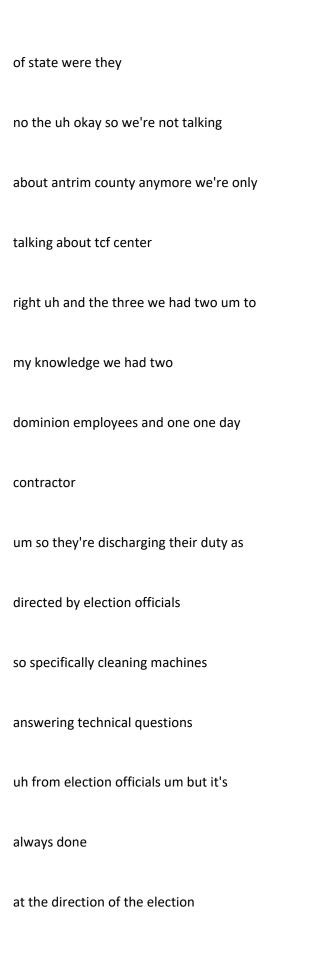


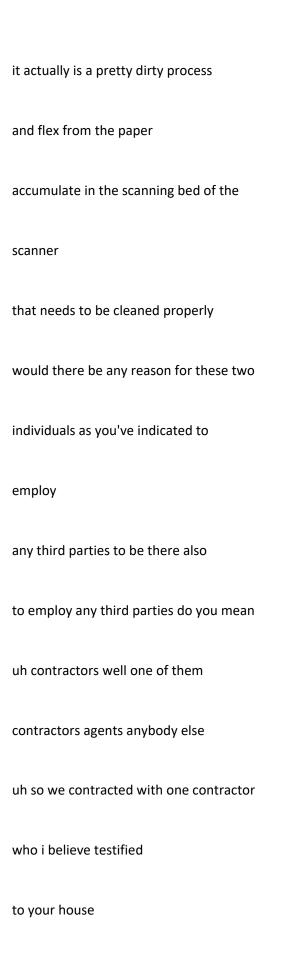


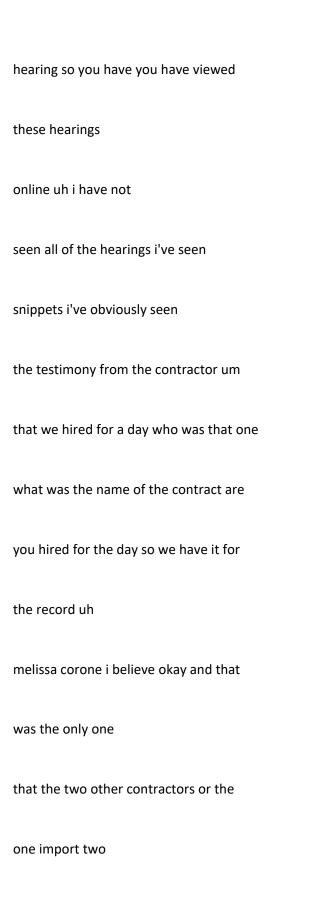
um and b it's it's it's part of a polling location um that has physical security of the poll workers and the poll watchers how would you know about it you just said we would know about it because that was going to be one of my questions yeah well first of all do you have some kind of sensations is there a signal that says air is there a signal that says there's i'm sorry that didn't happen with with the machinery did it it didn't stop the machine and

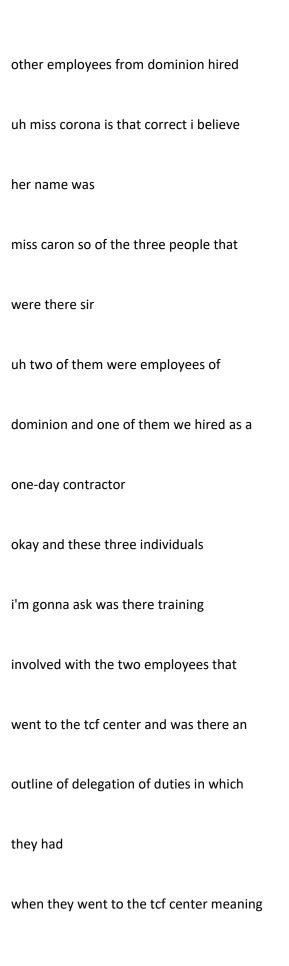


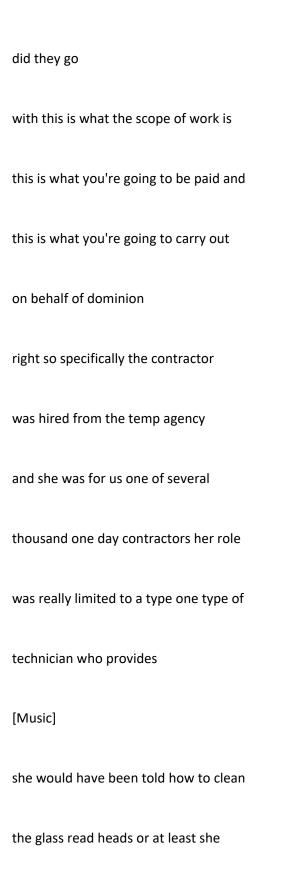


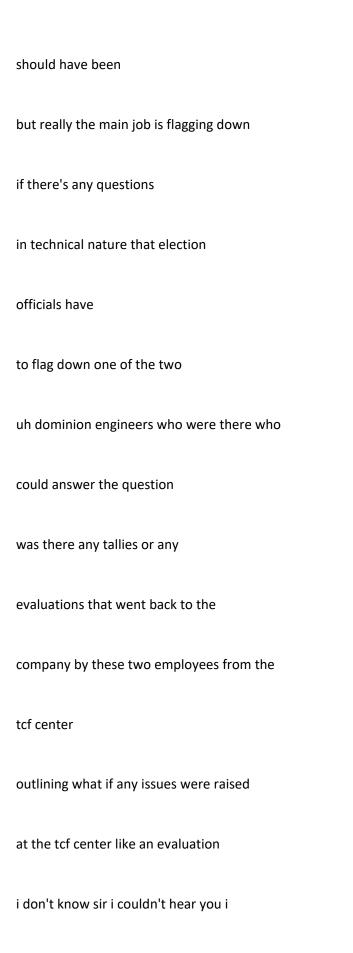




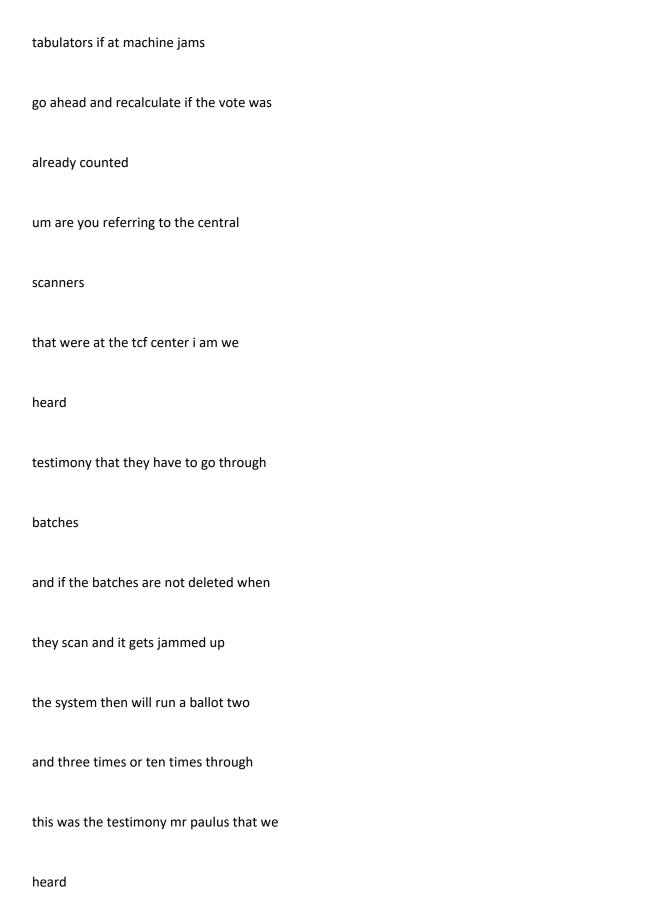








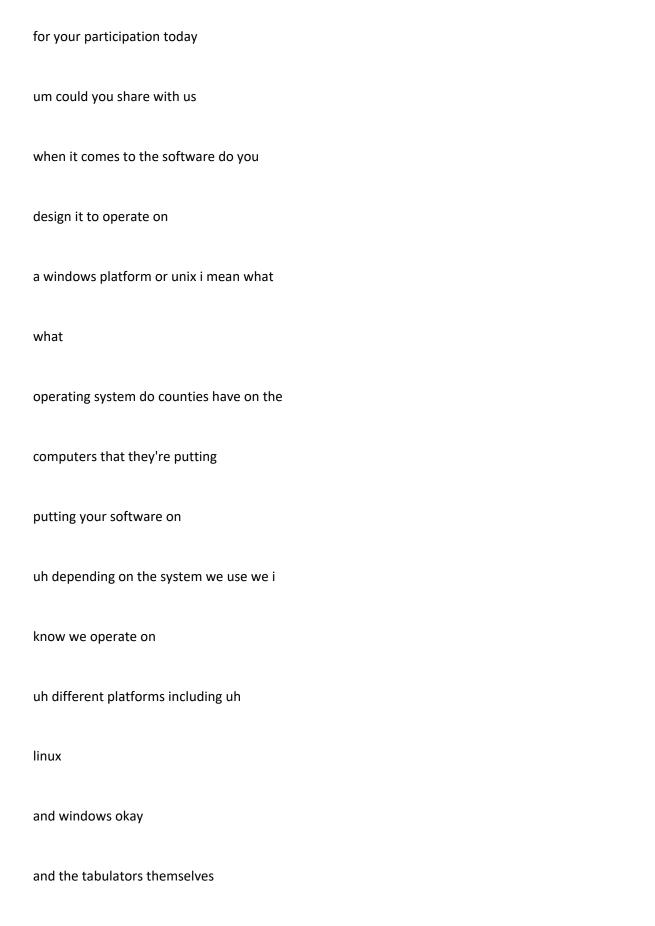
said i i don't know sir
who would be the one that would be
charged with that duty if you don't know
so we could get something back as far as
feedback go what they claim
happen at the tcf center because we
heard a lot of testimony a lot of
testimony
testimony uh i can certainly gather that for you
·
uh i can certainly gather that for you
uh i can certainly gather that for you thank you
uh i can certainly gather that for you thank you mr chairman at this time there was only

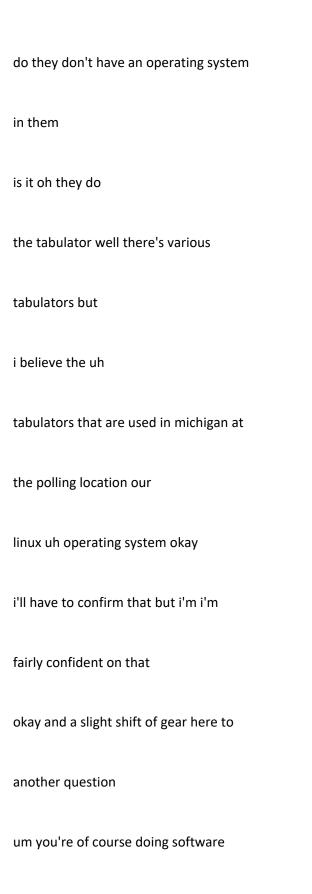


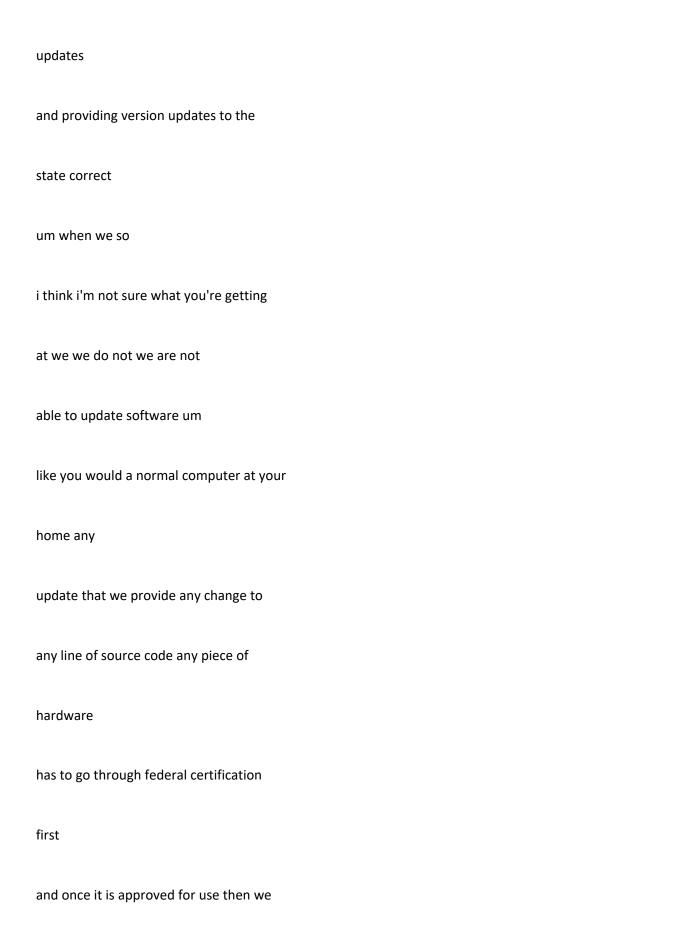
i'm asking you because you build a
machine if the machine itself is jamming
and it doesn't then tabulate or it jams
it up
and somebody pulls a ballot out how do
you know in the machine if it already
calculated that
ballot yeah i
i did see the testimony and from my
recollection
if there were ballots that were scanned
multiple times
the audit would be off uh from the voter
registration and the poll book records

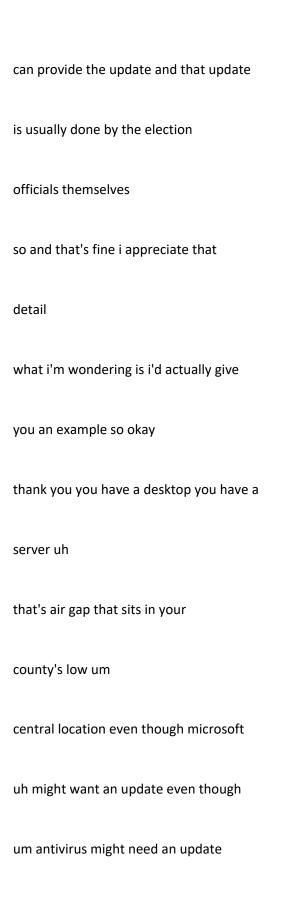
as part of the canvas process why don't
we stop right there mr chairman i want
to pick up that end about the poll being
off so that we can see the
process it sounds good to me we'll take
one last break
come back and and finish up thank you mr
polis the committee is recessed for 10
minutes
thank you
okay
the senate on senate committee on
oversight will return to order
thank you members for your return and uh
let's

continue and hopefully this will be kind of our last segment and then we do have we'll finish this committee adjourn and then recon will bring the committee back to order on another meeting that's in another different location so if you're wondering what the second posting is about that's for our joint meeting with the house briefly to adopt some additional subpoenas so that's why it's set up that way okay um mr polis um continue to have my thanks

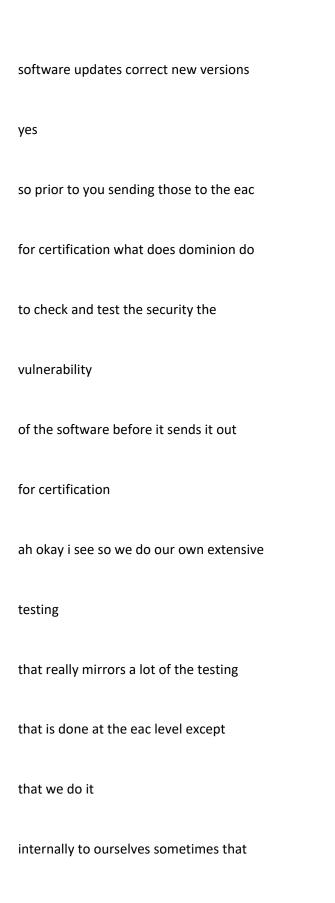


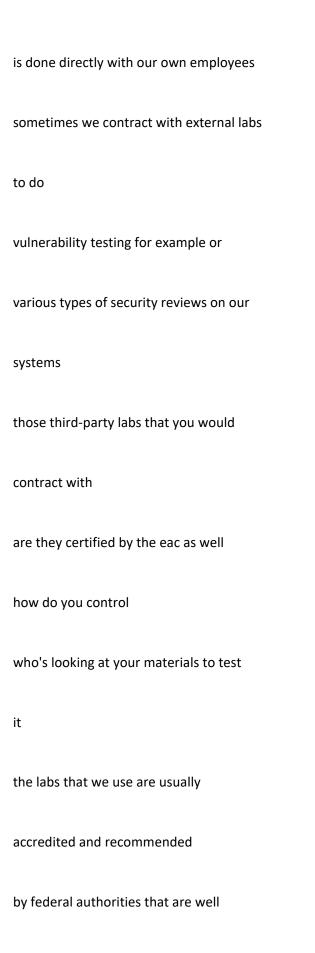


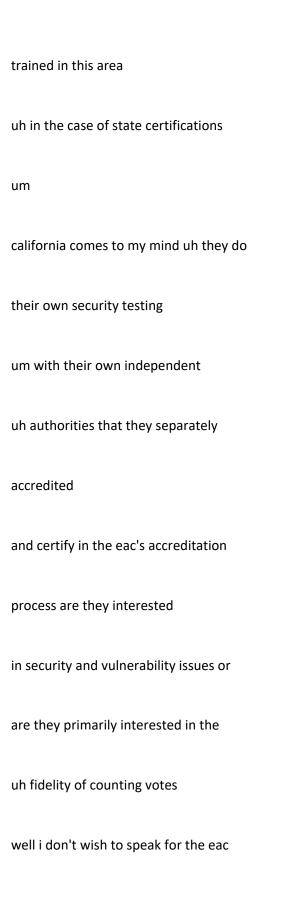


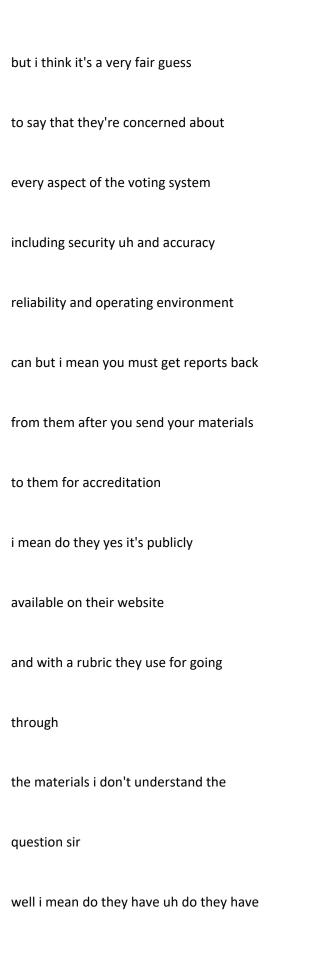


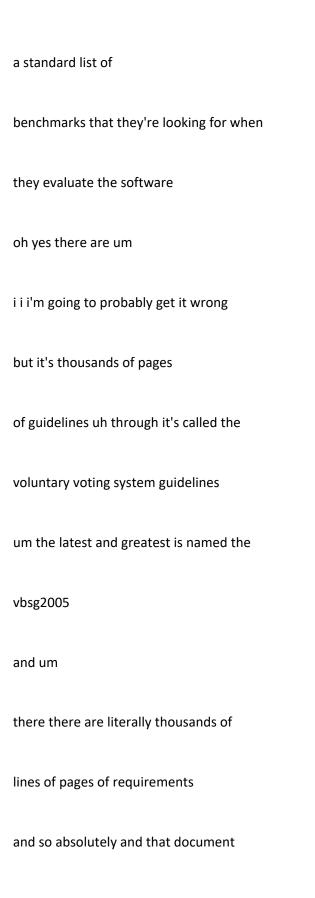
we there is no updates are done that unless they first go through uh federal certification oh even for the virus software and other materials like that that's correct okay so there's absolutely nothing in our system in the entire environment has to be uh come from the uh as certified as such but as your and and where i wanted to go and these are this is all valuable information so i appreciate that where i wanted to go with the question why i'm asking you you're developing and designing

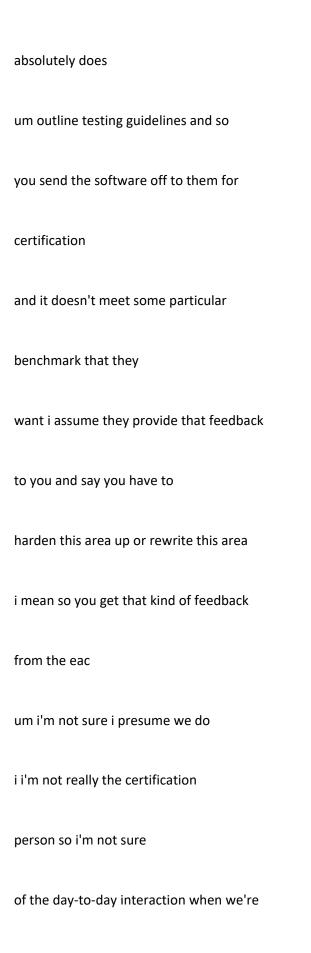


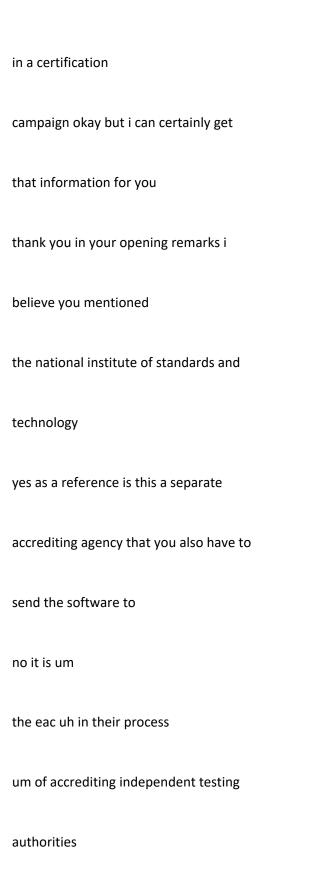


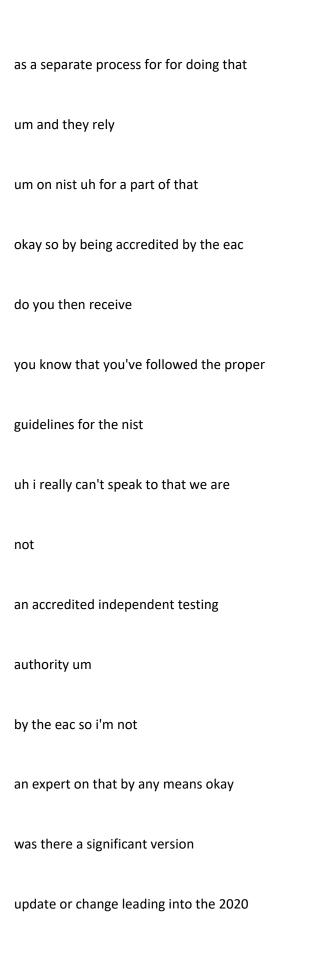


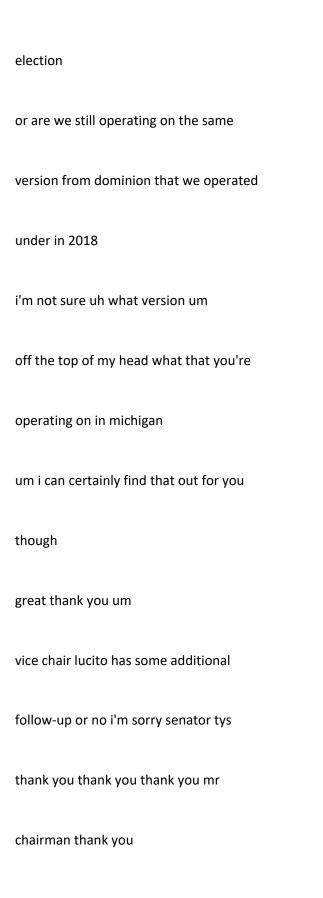






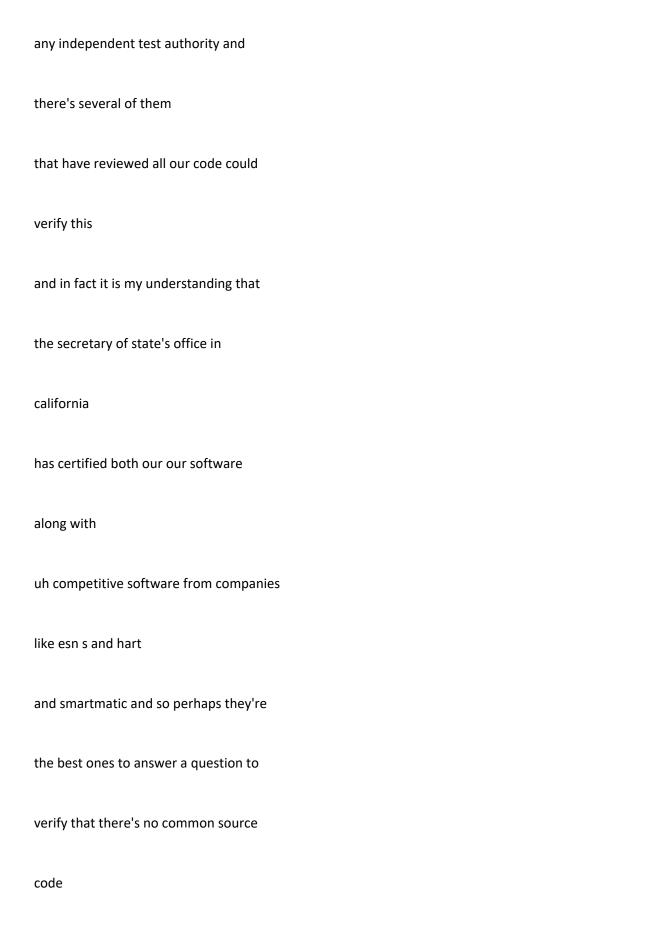






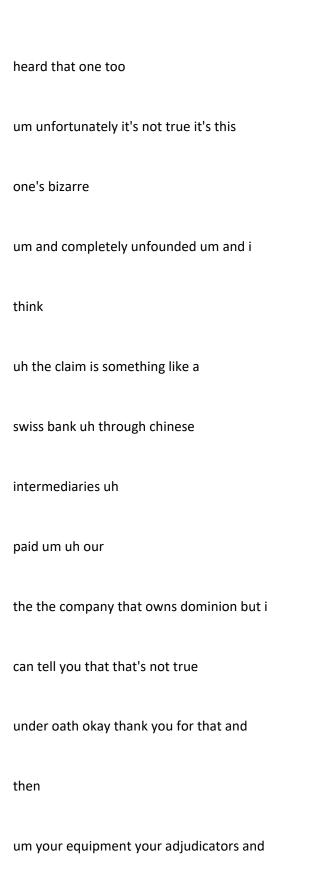
for your patience i know we've got you sitting in uh in the hot seat for a long time so thank you very much i appreciate your patience um i i want to cover a few of the rumors that that i'm getting lambasted with and i want to i just want to make sure that we've got them out front and and you can answer them so given the recent disclosures regarding foreign nationals at high levels of everywhere government and everything how do you know that you're protecting your source code and that they're not

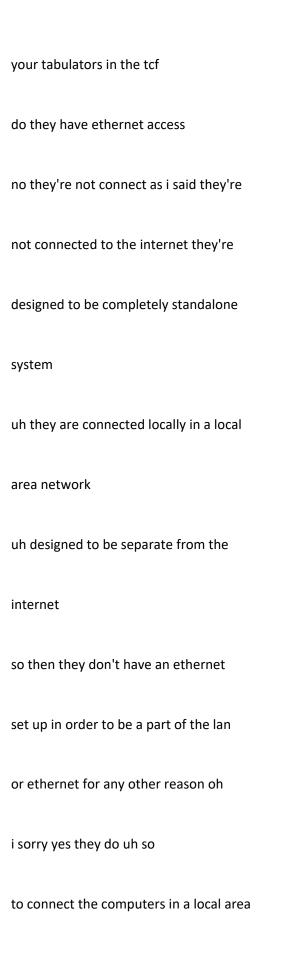
embedded in your organization doing something uh with with your source code well that's something that the eac and throats itas and the state agencies do they do a line by line review of all of our source code and so specifically with regards to one of the rumors uh that certainly i've read and re-read um is that somehow source code has embedded its way into dominion systems that somehow originated in venezuela that is not the case

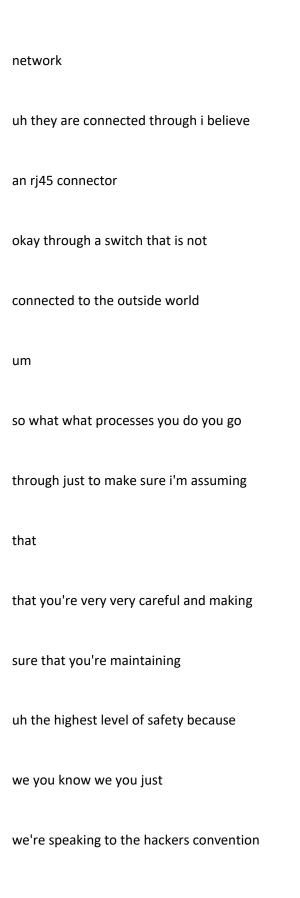


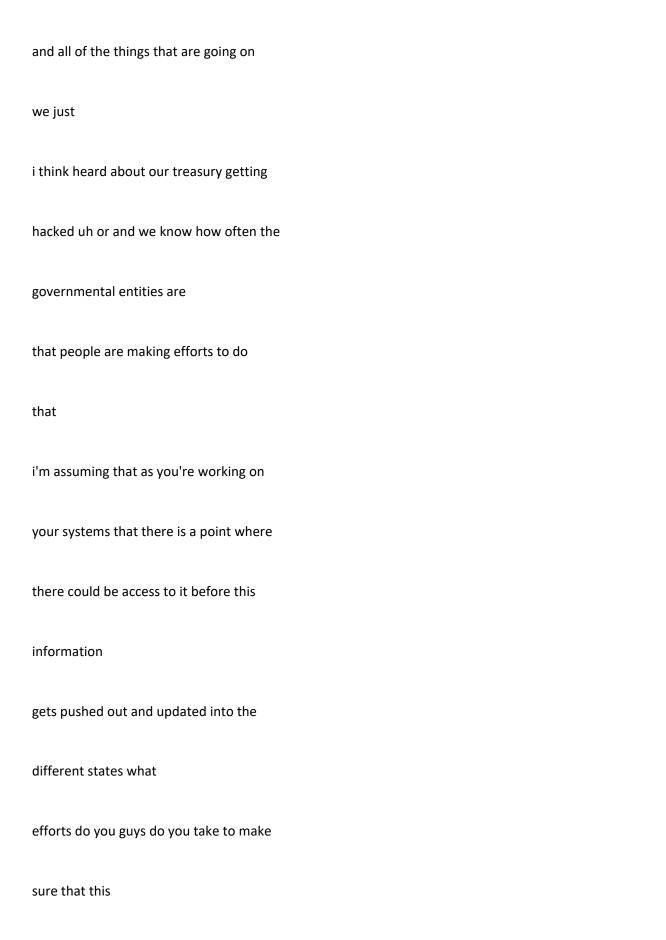
but it's something certainly i can
attest to you on for dominion systems
thank you very much um i also have been
told that there were at least uh there
were more than
two of your direct employees and and and
one
indirect that there were as many as nine
in the tcf center i don't know that
that's
uh necessarily a problem but that's the
information that i have in front of me
i'm not going to give any names
uh in in the interest of you know all

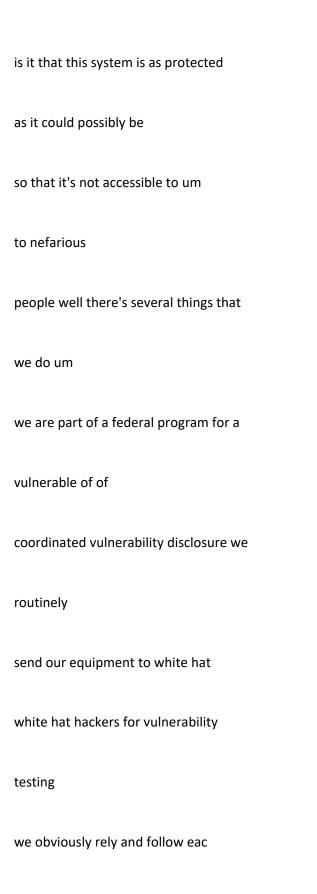
the issues that you described earlier i certainly would prefer that people remain protected and not threatened uh but i would be interested in in having that information if if there's any uh any mistake and then what their their roles were in the process right what was what were their responsibilities while they were there i also heard that you received a large sum of money from outside the country just recently uh actually just before the election would you like to speak to that yes i've





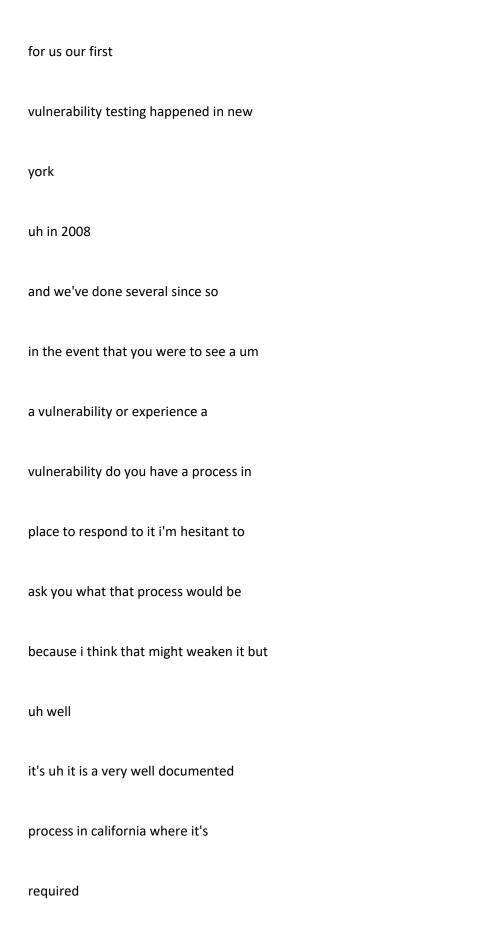




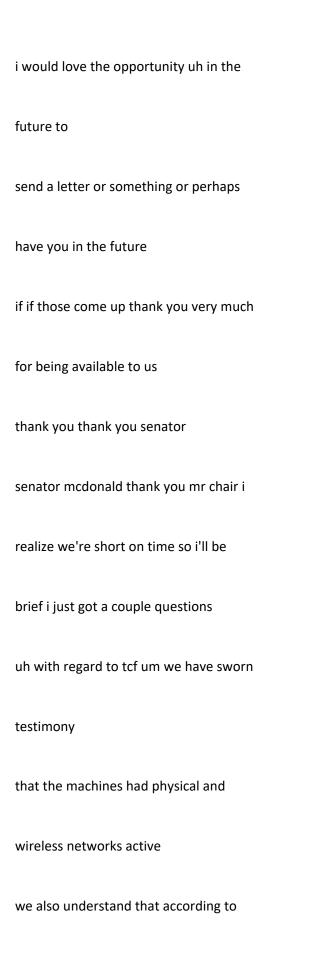


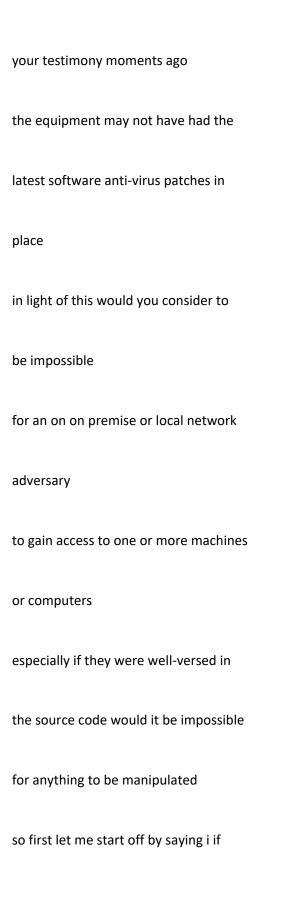
guidelines very closely
we work collaboratively with our
customers
who do their own vulnerability testing
through their own independent test
agencies
to that end and
i don't recall as talking about a hacker
convention
maybe that was during the break but
we've even expressed interest in
participating in a hacker convention as
long as
it made sense in terms of some semblance

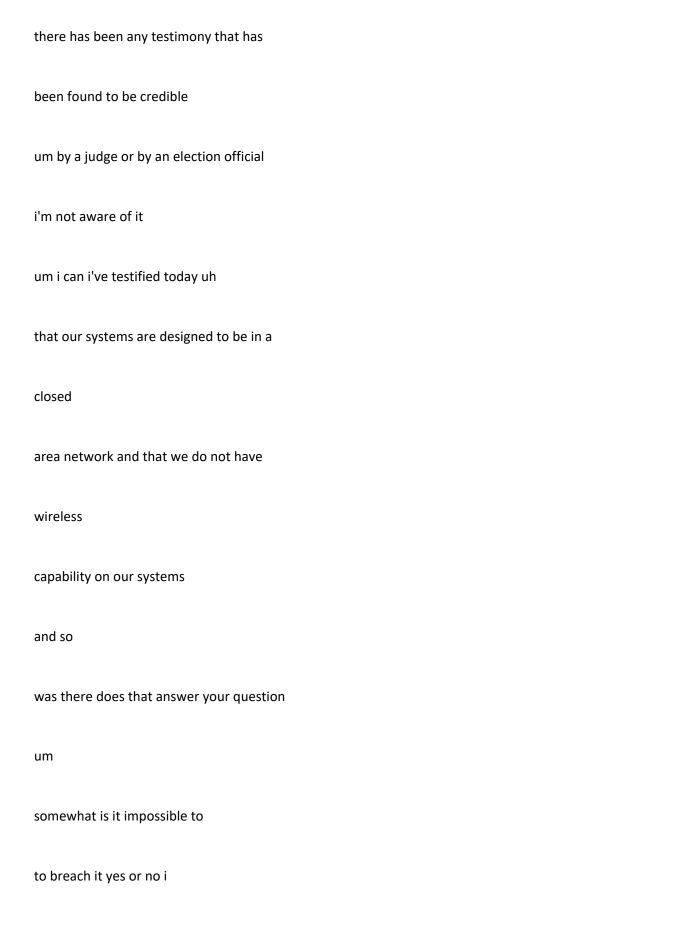
real ballot security um as opposed to just ripping apart machines in a way that's obviously um obviously would be detected we actually if you've heard of the defcon conference that uh this year i believe it was cancelled but uh the one that happened in 2019 uh we had an agreement with uh mr braun uh we actually sent equipment there and that invitation was revoked unfortunately while we were there but these types of things are not new

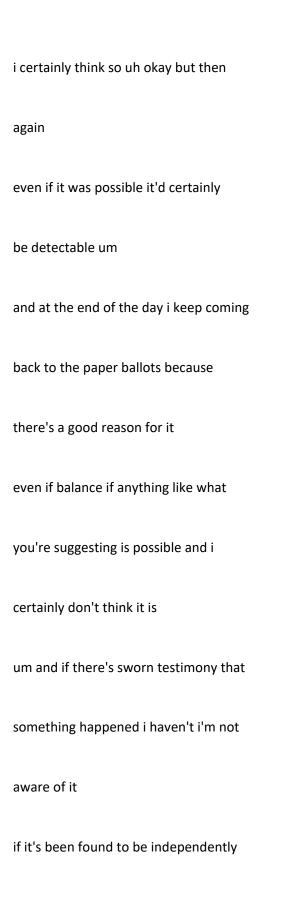


um with a i think it's within 20 days we strive to uh report it as soon as we are aware of any vulnerability or report or any problem from an internal standpoint uh we are very collaborative with our customers uh in discussing uh our own internal security testing and vulnerability practices thank you very much i i would i as always happens i usually end up coming up with 25 questions after we're no longer talking





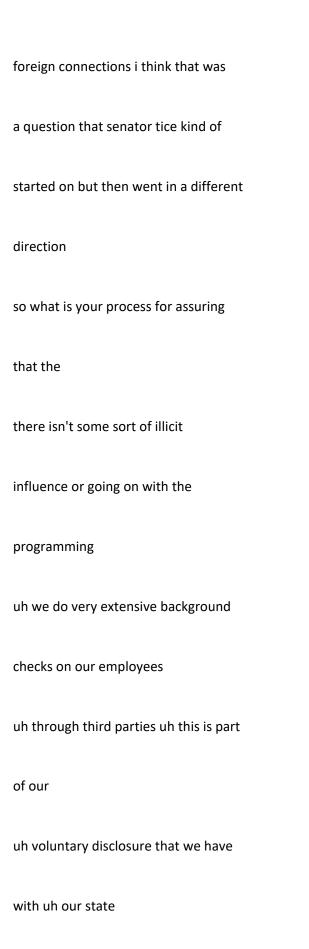


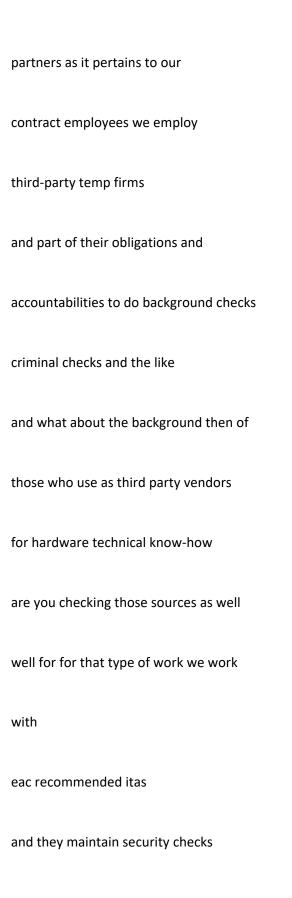


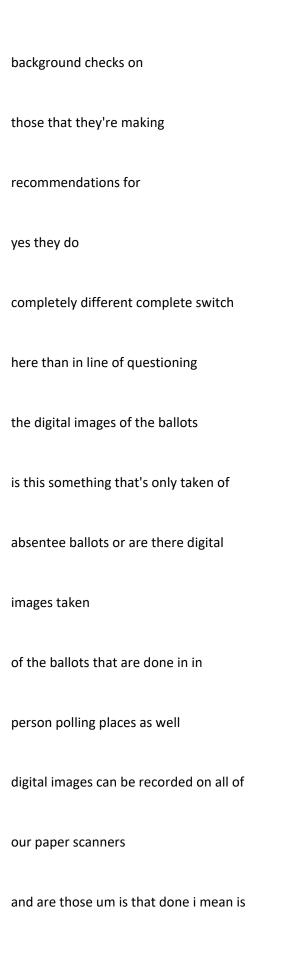
credible um but the ballots the paper ballots would not match the result of the county canvas process and that's so in in terms of the accuracy of uh the tabulation as long as they're you're you're able to complete and certify canvas process um you should you you would be um you would know that your ballots were accurately counted because you've got the ballots still in your possession thank you just one more question sir um can you provide the check sums of the

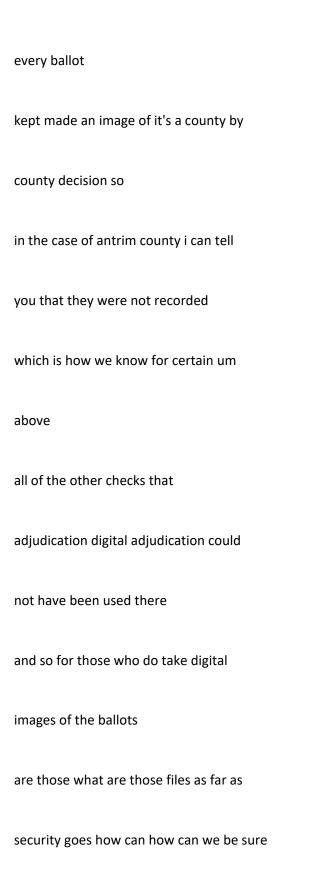
voting software when it was certified

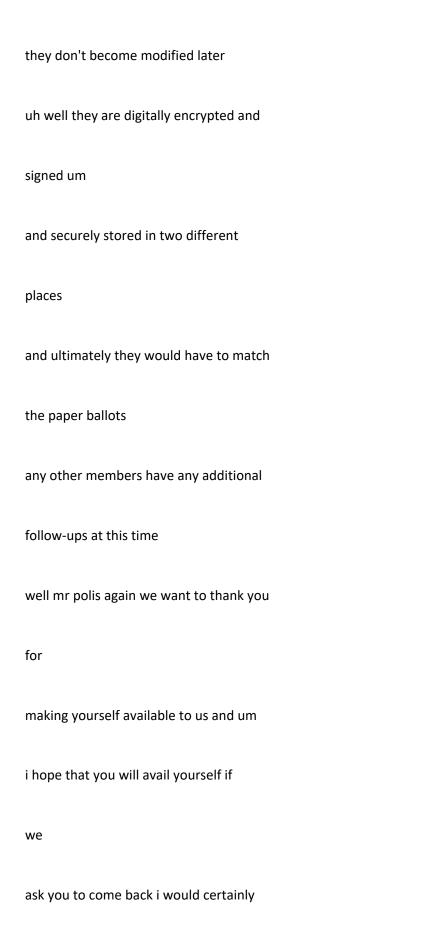
and can they be compared with what is currently on the voting machines so absolutely you shouldn't get that from us you should get that from certification agencies in the independent test labs and that is a part of regular post-election um reviews okay thank you thank you sarah mcdonald mr polis uh how are the employees um not so much for well even at dominion how do you go about checking them make sure that they don't have



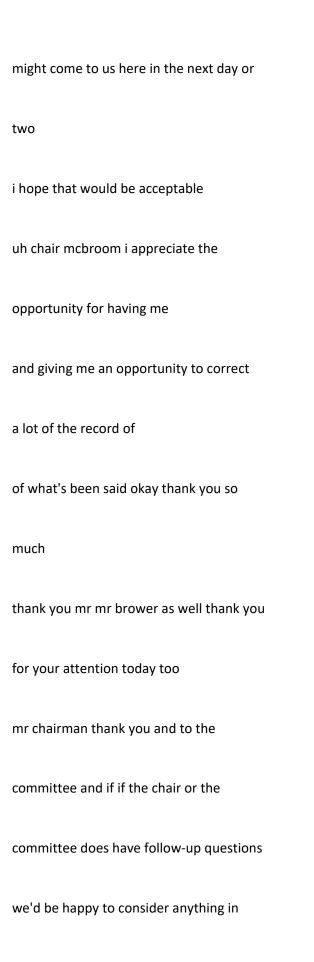








try to assure you it would be a shorter time period if we did have to have you come back and do some additional follow-up and i would likely want to um you know kind of gather the questions that we might have such as senator tyse mentioned get them written down send them to you and then ask you to come in and do a a brief follow-up with us to answer any questions that we either don't really have fully developed in our minds right now or





uh vice chair lucido moves at the senate
oversight committee adjourn
hearing no objections we're adjourned

you